

# TOSHIBA



## DVD VIDEO RECORDER

# D-R2SU D-R2SC

### OWNER'S MANUAL



## INSTALLATION GUIDE

Read this booklet first.

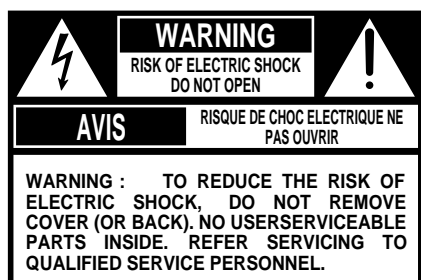


Introduction

Connections

Basic Setup

# SAFETY PRECAUTIONS



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The symbol for CLASS II (Double Insulation)

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

**ATTENTION:** POUR EVITER LES CHOCES ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

**CAUTION:** This DVD video recorder employs a Laser System.  
To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location - see service procedure.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure.  
Visible and invisible laser radiation when open and interlocks defeated.  
**DO NOT STARE INTO BEAM.**

**FCC NOTICE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rule. These limits are designed to provide reasonable protection against harmful interference in a residential installation.  
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.  
However, there is no guarantee that interference will not occur in a particular installation.  
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** Changes or modifications made to this equipment, not expressly approved by Toshiba, or parties authorized by Toshiba, could void the user's authority to operate the equipment.

**Note to cable system installer:**

This reminder is provided to call the cable system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

**Copyright:**

**It is permissible to record television programs, film, video tapes and other material only in the event that third party copyrights and other rights are not violated.**

The instructions shall state that an ALL-POLE MAINS SWITCH with a contact separation of at least 3 mm in each pole shall be incorporated in the electrical installation of the building.

**CAUTION:**

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

In the spaces provided below, record the Model and Serial No. located on the rear panel of your recorder.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Retain this information for future reference.

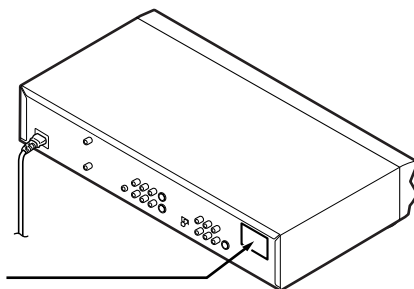
**Location of the required label**

PRODUCT IS CERTIFIED BY THE MANUFACTURER TO  
COMPLY WITH DHHS RULE 21 CFR SUBCHAPTER J  
APPLICABLE AT THE DATE OF MANUFACTURE.

MANUFACTURED

**TOSHIBA CORPORATION**

1-1, SHIBAURA 1-CHOME, MINATO-KU.  
TOKYO 105-8001, JAPAN



# IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.**

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

**DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.**

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
19. Do not place a heavy object on or step on the apparatus. The object may fall, causing serious personal injury and serious damage to the apparatus.
20. Do not place the apparatus on amplifiers or equipment that may produce heat.

21. Do not cover the ventilating holes for the inside cooling fan.

#### **ADDITIONAL SAFETY INSTRUCTIONS**

15. When you use headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.
16. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
17. Apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.
18. Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.
22. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.
23. If the apparatus should smoke or smell, immediately disconnect the power cord from the wall outlet. Wait until the smoke or smell stops, then ask your dealer for a check and repair. Neglecting to do so may cause fire.
24. While it is thundering, do not touch the connecting cables or the apparatus.
25. The apparatus includes lead, an ingredient of solder used on the PCB, which is a harmful substance to human and the environment. When disposing of this apparatus, follow the rules and regulations in your area.

# Precautions

## Notes on handling

- Never disconnect the power cord from a wall outlet while the recorder is not in standby mode, unless it is in an emergency. Doing so may cause malfunction.
- When shipping the recorder, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the recorder. Do not leave rubber or plastic products in contact with the recorder for a long time. They will leave marks on the finish.
- The top and rear panels of the recorder may become warm after a long period of use. This is not a malfunction.

## When not in use

- For usual absence  
Be sure to remove the disc from the recorder and turn off the power.
- Prolonged absence  
Unplug the recorder from a wall outlet.

## Notes on locating

- Place the recorder on a level surface. Do not use it on a shaky or unstable surface such as a wobbly table or inclined stand. The loaded disc may dislodge from its proper position and cause damage to the recorder. Before placing the recorder, make sure that the surface can stand the weight of the recorder. For safety, avoid placing the recorder in a high location, as an accidental fall of the recorder may cause personal injury.
- When you place this recorder near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted depending on the condition and location of said equipment. In such an event, place the recorder as far away much as possible from the TV, radio, or VCR.
- Do not install this product in an area where it will be exposed to large amounts of oily smoke, steam or dust, as such exposure could result in fire or electric shock. Cigarette smoke, dust etc. can cause the product to malfunction.

## Notes on cleaning

Use a soft, dry cloth for cleaning.

- For stubborn dirt, use a damp cloth (containing a mild detergent) to wipe the unit. Ensure the unit is unplugged before you do this. Use a dry cloth to wipe it dry.  
Do not use any type of solvent, such as thinner or benzene, as they may damage the surface of the recorder.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

## To obtain a clear picture

The recorder is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality deteriorates. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment. For details, contact your nearest dealer.

## Notes on antennas

- Image and sound quality depend very much on signal reception.
- Reception may be poor in weak signal areas. In this event, consult your dealer, or purchase a commercially available antenna booster. Refer to the booster's instruction manual for installation details.

## Notes on recording and editing

- When you record/edit important content, make trial operations beforehand to confirm the recorder can function properly.  
Toshiba does not compensate for content which was not recorded/edited because of some malfunction of this product or discs during operation, and is not liable for incidental damages (such as profit loss or interruption of business, etc.) produced in such conditions.
- When the power cord is disconnected or when a power failure occurs during any operation of this product, all contents recorded in this recorder may be erased.
- Depending on the channel or program, an excessive sound input level may cause noise or cut of recorded sound. Adjust the initial setting of the recording level when necessary.
- If a program you have set a timer recording includes copy restriction signals, it may not be recorded. When programming a recording, confirm that a program you want to record is not copy-restricted.

## Exemptions

- Toshiba is not liable for any damage caused by fires, natural disaster (such as thunder, earthquake, etc.), acts by third parties, accidents, owner's intentional or unintentional misuse, or uses in other improper conditions.
- Toshiba is not liable for incidental damages (such as profit loss or interruption in business, modification or erasure of recorded data, etc.) caused by use or inability to use of this product.
- Toshiba is not liable for any damage caused by neglect of the instructions described in the owner's manual.
- Toshiba is not liable for any damage caused by misuse or malfunction through simultaneous use of this product and the connected equipment or software that Toshiba is not concerned with.
- Toshiba does not compensate for contents which were not recorded/edited because of some malfunctions of this product or discs during operation, and is not liable for incidental damages (such as profit loss or interruption in business, etc.) produced by such conditions.

## Power Outage

- After a power outage the clock display will flash. Set the clock to the correct time.

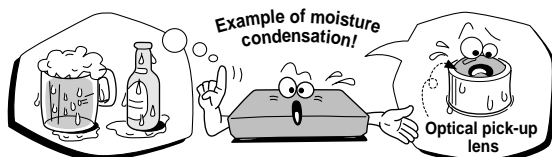
## Notes on the unit

- Do not give a shock or shake (especially during operation).
- Do not use in a shaky or unstable location.
- Hold the unit horizontally.
- Do not cover the ventilation holes for the cooling fan of the unit.
- Do not use in a place where the temperature rises or changes rapidly.
- Do not disconnect the power plug from a wall outlet while the unit is turned on.
- Do not disconnect the power plug from the wall outlet or break the power supply to the unit during recording or playing. Before disconnecting the power plug, be sure to press the power button and make sure the unit ends the finishing process and power turns off completely. If the power plug is disconnected or power supply is disrupted while the unit is recording, all recorded content will be erased.
- Toshiba is not liable for any damage or loss of recorded data caused by shock, shakes, misoperation or malfunction.

## Notes on moisture condensation

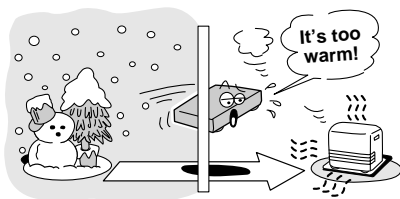
**Moisture condensation damages the unit. Please read the following carefully.**

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the unit.



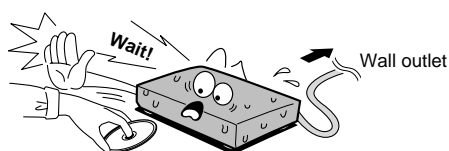
### ■ Moisture condensation occurs during the following cases.

- When you bring the unit directly from a cold place to a warm place.
- When you use the unit in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
- When you use the unit in a humid place.



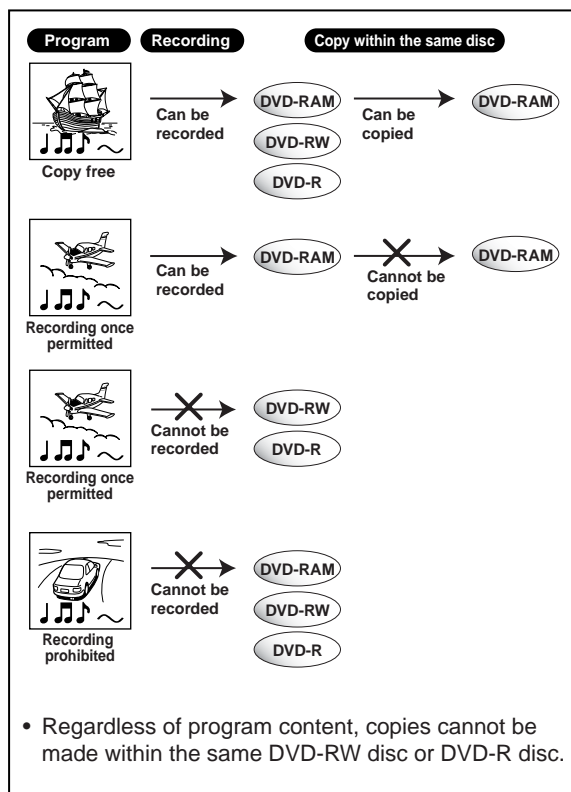
### ■ Do not use the unit when moisture condensation may occur.

If you use the unit in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the unit to the wall outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the wall outlet and moisture condensation will seldom occur.



## Notes on copyright

- It is prohibited by law to copy, broadcast, show, broadcast on cable, play in public, and rent copyrighted material without permission.
- Some DVD video discs are copy protected, and any recordings made from these discs will be distorted.
- This unit incorporates copyright protection technology under method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.
- This unit incorporates CPRM (Content Protection for Recording Media) technology for copyright protection in recording devices, authorized by DVD forum. Recording and copying on this recorder depend on the contents as described below.





VCR Plus+, C<sup>3</sup> and PlusCode are registered trademarks of Gemstar Development Corporation. The VCR Plus+ system is manufactured under license from Gemstar Development Corporation.

Manufactured under license from QSound Labs, Inc. U.S. patent Nos. 5,105,462, 5,208,860 and 5,440,638 and various foreign counterpart. Copyright QSound Labs, Inc. 1998-2002. QXpander™ is a trademark of QSound Labs, Inc. All rights reserved.

# Installation procedure

**Read carefully “SAFETY PRECAUTIONS”,  
“IMPORTANT SAFETY INSTRUCTIONS” and  
“Precautions”.**

(⇒ pages 2 to 9)

**Check the supplied accessories.  
(See right)**

**Load the batteries in the remote control.  
(⇒ page 12)**

**Connect an antenna to the recorder.  
(⇒ page 14)**

Connect a cable box or satellite system to the recorder.  
(⇒ pages 16 to 19)

**Connect the recorder to a TV.  
(⇒ pages 14 to 15, 20)**

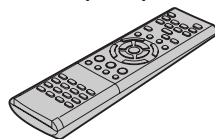
**Connect optional equipment to the recorder.  
(⇒ pages 21 to 24)**

**Make the initial settings.  
(⇒ page 26)**

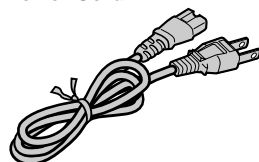
**Your recorder is ready. Read the separate  
volume “OPERATIONS”.**

## Accessories

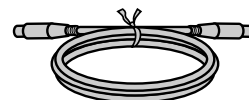
**Remote control  
Batteries (AAA) x 2**



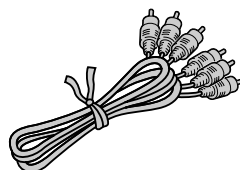
**Power Cord**



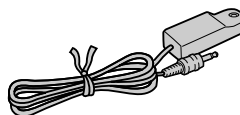
**Coaxial cable**



**Video/Audio cable**



**IR control cable**



- Owner's manual (INSTALLATION GUIDE)
- Owner's manual (OPERATIONS)
- Registration card
- Diagnostic list

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## Connections

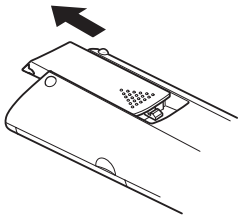
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## Basic Setup

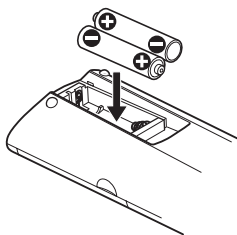
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# Preparation of the remote control

## 1 Open the cover.

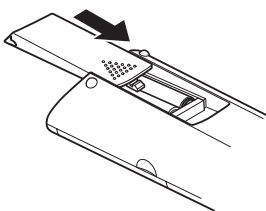


## 2 Insert batteries (AAA size).



Make sure to match the + and – on the batteries to the marks inside the battery compartment.

## 3 Close the cover.



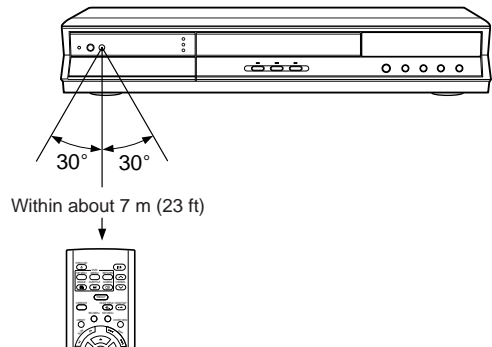
### Notes on batteries

Improper use of batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below.

- Do not insert batteries into the remote control in the wrong direction.
- Do not charge, heat, open, or short-circuit the batteries. Do not throw batteries into a fire.
- Do not leave dead or exhausted batteries in the remote control.
- Do not use different types of batteries together, or mix old and new batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
- If the remote control does not function correctly or if the operating range is reduced, replace all batteries with new ones.
- If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new batteries.

### ■ Operating with the remote control

Point the remote control at the remote sensor and press the buttons.



**Distance** : About 7 m (23 ft) from the front of the remote sensor

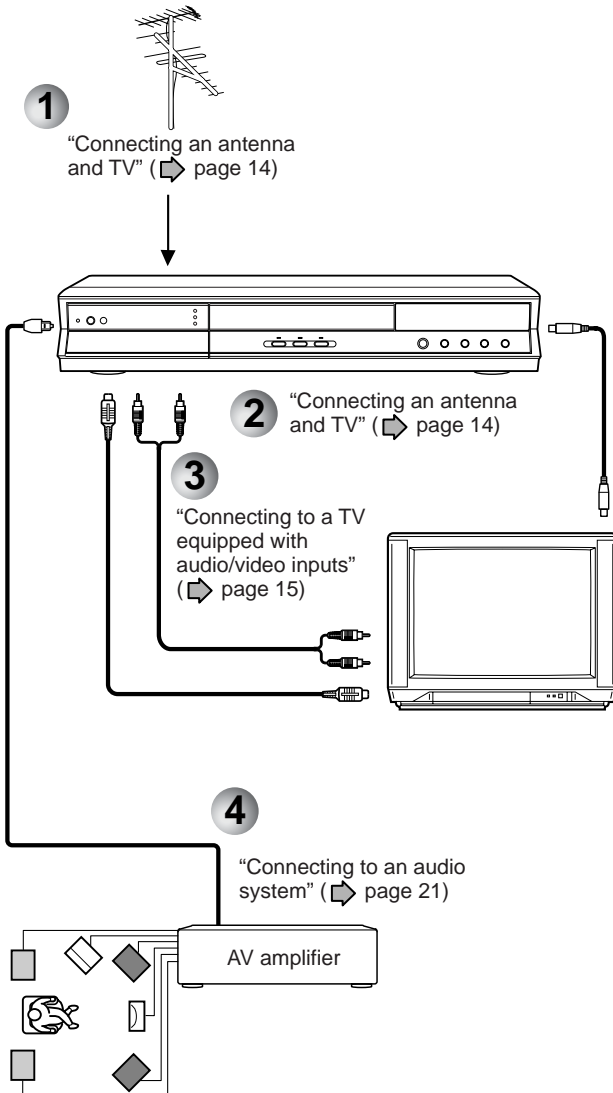
**Angle** : About 30° in each direction of the front of the remote sensor

\* Do not expose the remote sensor of the recorder to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the recorder via the remote control.

### Notes

- Direct the remote control at the remote sensor of the recorder.
- Do not drop or give the remote control a shock.
- Do not leave the remote control near an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.
- Do not disassemble the remote control.

## Connection procedure



# Connections

Connect your recorder to your TV or stereo system.

- Connecting an antenna and TV
- Connecting to cable TV signal
- Connecting to a satellite system
- Connecting the IR control cable
- Connecting to a TV equipped with component video inputs
- Connecting to an audio system

### ■ When you connect a TV equipped with audio/video inputs

Perform steps 1, 2 and 3.

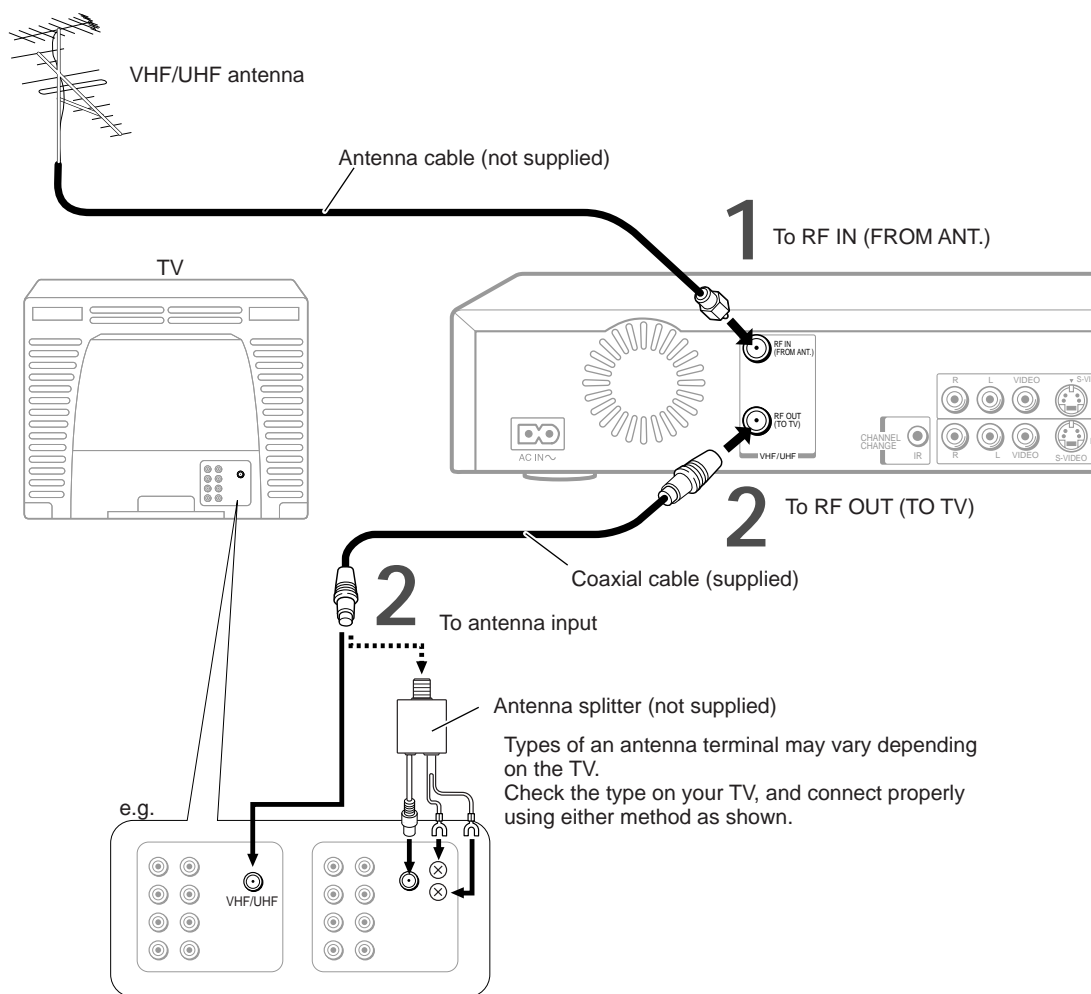
### ■ When you connect an audio system

Perform steps 1, 2, 3 and 4.

# Connecting an antenna and TV

Connect your TV and the antenna to this recorder for recording and to view broadcast signals on the TV.

- 1** Disconnect the antenna cable from your TV, and connect it to the RF IN (FROM ANT.) terminal on the recorder.
- 2** Using the supplied coaxial cable of this recorder, connect the RF OUT (TO TV) terminal to the TV.



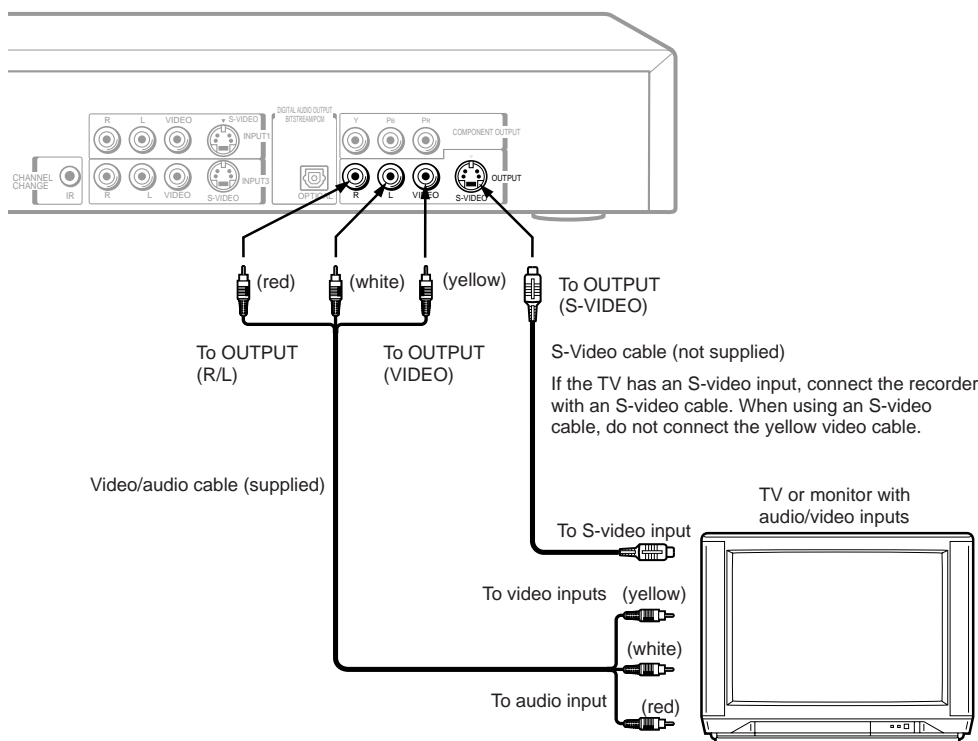
For connecting to a cable box or a satellite system, see ➡ page 16 to 19.

## Note

- This connection insures accessibility of broadcast signals to your TV only. Unlike a VCR, you can not assign channel 3 or 4 for playback of this recorder, because an antenna input only passes through in the recorder. You must connect this recorder to a video input of your TV to enjoy playback picture from this recorder. (See the next page.)

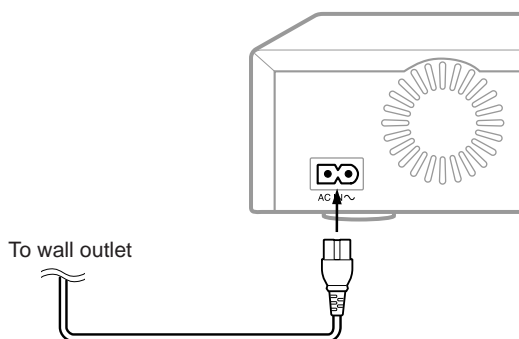
### 3 Connect to a TV equipped with audio/video inputs.

Connect as below for watching received channels or recorded contents. Watching via the RF OUT terminal is not available.



### 4 Connect the power cord of the recorder to a wall outlet.

Make sure that the powered recorder lights the ON/STANDBY indicator on the front panel.



#### CAUTION

- Do not use any power cord other than the supplied one.
- Do not use the supplied power cord with any product other than this one.

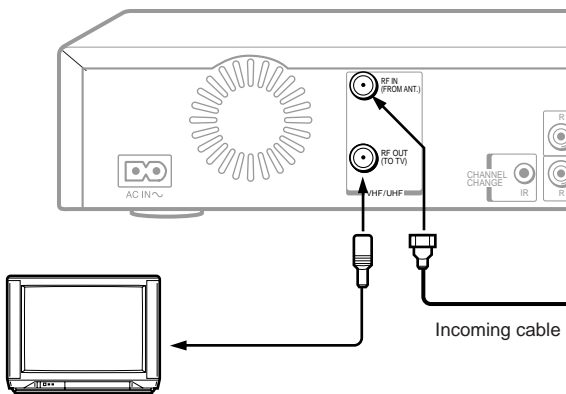
#### Notes

- Refer to the owner's manual of the connected TV as well.
- When you connect the recorder to your TV, be sure to turn off the power and unplug both units from the wall outlet before any connections.
- If your television set has one audio input, connect the left and right audio outputs of the recorder to a Y cable adapter (not supplied) and then connect to your TV.
- Connect the recorder directly to your TV. If you connect the recorder to a VCR, TV/VCR combination, video selector or AV amplifier, the playback picture may be distorted due to copy protection.

# Connecting to cable TV signal

Choose one of the below according to your usage of the cable box.

For watching received channels, connect to the TV via the audio/video cable.

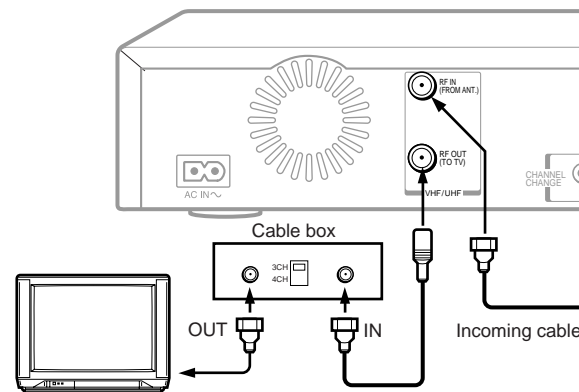


**This set-up will allow you to:**

- record an unscrambled channel.
- record an unscrambled channel while watching another (only when you connect a cable-compatible TV).

**You will need to:**

- to record a channel while watching another, select a desired channel on the TV (only when you connect a cable-compatible TV).

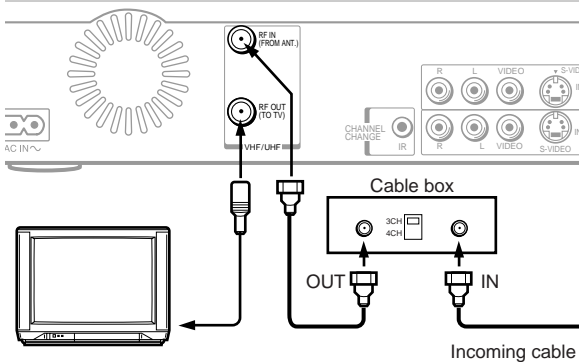


**This set-up will allow you to:**

- record an unscrambled channel.
- record an unscrambled channel while watching another (scrambled or unscrambled).

**You will need to:**

- set TV channel to the output channel of the cable box.
- to record an unscrambled channel while watching a scrambled channel, select a desired cable channel via the cable box.



**This set-up will allow you to:**

- record any channels through the cable box.

**You will need to:**

- set "Cable Box/DBS" of "Set Top Box setting" to "C.Box". ➡ page 37
- set "Select input" of "Set Top Box setting" to "3CH" or "4CH". ➡ page 37
- select a desired cable channel via the cable box.
- while the recorder is turned off, set TV channel to the output channel of the cable box.

You can control cable channels from the recorder. Perform the below.

- 1) Connect the supplied IR cable to the CHANNEL CHANGE IR jack of the recorder. ➡ page 19
- 2) Set "IR control" of "Set Top Box setting" to "On". ➡ page 37



**This set-up will allow you to:**

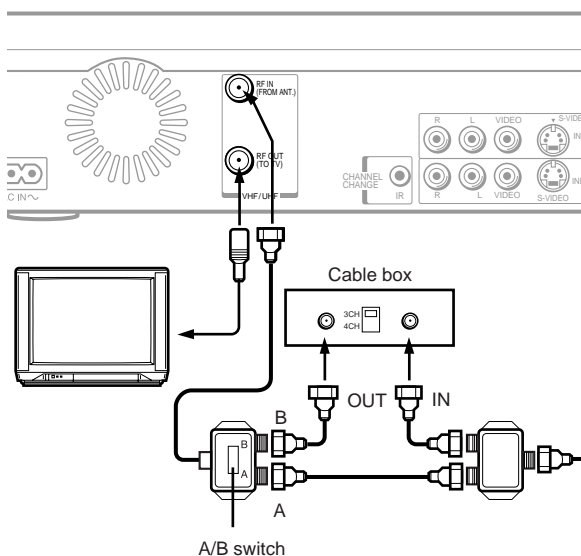
- record an unscrambled or scrambled channel.
- record an unscrambled channel while watching another unscrambled channel (only when you connect a cable-compatible TV).

**You will need to:**

- A/B switch “A”: record an unscrambled channel which bypasses the cable box.
  - set “Cable Box/DBS” of “Set Top Box setting” to “Not used”. ➡ page 37
- A/B switch “B”: record a scrambled or unscrambled channel coming through the cable box.
  - set “Cable Box/DBS” of “Set Top Box setting” to “C.Box”. ➡ page 37
  - set “Select input” of “Set Top Box setting” to “3CH” or “4CH”. ➡ page 37

You can control cable channels from the recorder. Perform the below.

- 1) Connect the supplied IR cable to the CHANNEL CHANGE IR jack of the recorder. ➡ page 19
- 2) Set “IR control” of “Set Top Box setting” to “On”. ➡ page 37

**This set-up will allow you to:**

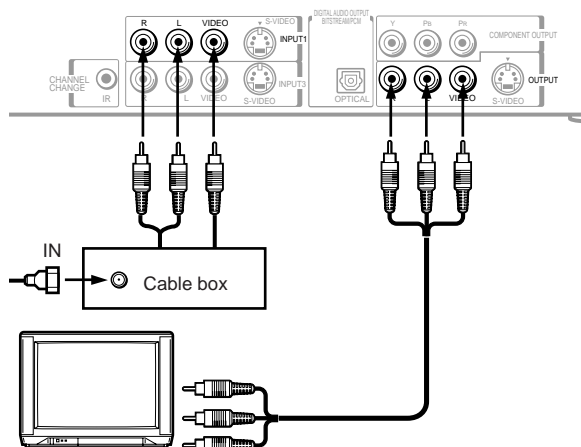
- watch or record a channel through the cable box via the INPUT1 or INPUT3 (VIDEO/L/R) jacks.

**You will need to:**

- set “Cable Box/DBS” of “Set Top Box setting” to “C.Box”. ➡ page 37
- set “Select Input” of “Set Top Box setting” to “Line1”. ➡ page 37

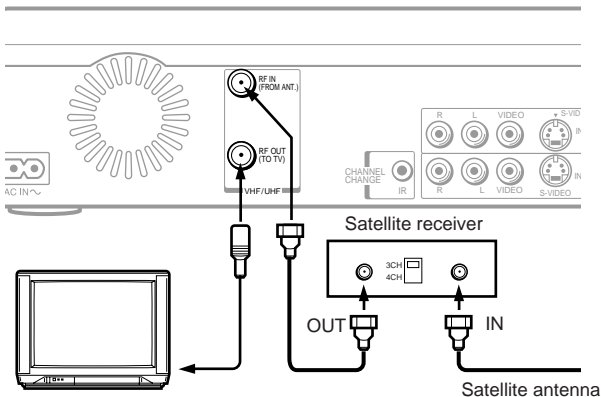
You can control cable channels from the recorder. Perform the below.

- 1) Connect the supplied IR cable to the CHANNEL CHANGE IR jack of the recorder. ➡ page 19
- 2) Set “IR control” of “Set Top Box setting” to “On”. ➡ page 37



# Connecting to a satellite system

Choose one of the following according to your type of satellite receiver.



## When the satellite receiver does not have audio/video outputs

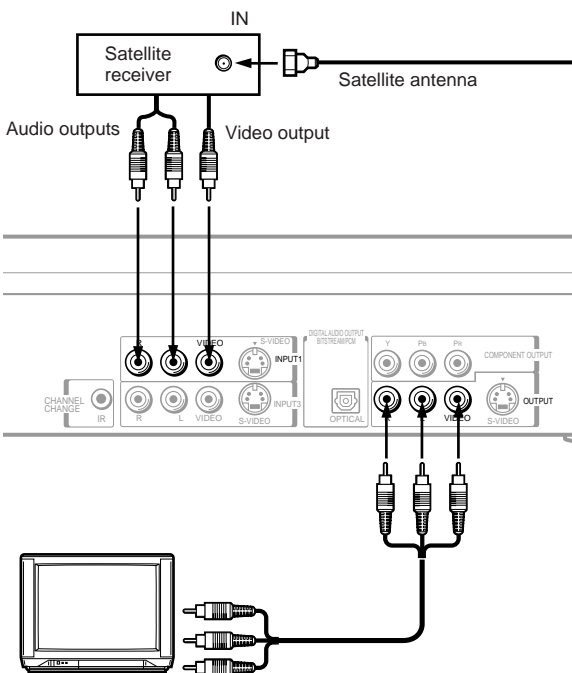
- 1 Connect a satellite antenna to the satellite receiver.
- 2 Connect the RF IN (FROM ANT.) terminal on the recorder and the RF OUT terminal of the satellite receiver.
- 3 Connect the RF OUT (TO TV) terminal on the recorder and the antenna input connector of the TV.

### You will need to:

- set "Cable Box/DBS" of "Set Top Box setting" to "C.Box". ➡ page 37
- set "Select Input" of "Set Top Box setting" to "3CH" or "4CH". ➡ page 37

You can control satellite channels from the recorder. Perform the below.

- 1) Connect the supplied IR cable to the CHANNEL CHANGE IR jack of the recorder. ➡ page 19
- 2) Set "IR control" of "Set Top Box setting" to "On". ➡ page 37



## When the satellite system has audio/video outputs

- 1 Connect a satellite antenna to the satellite system.
- 2 Connect the INPUT1 or INPUT3 (VIDEO/L/R) jacks on the recorder and the audio/video output jacks of the satellite system.
- 3 Connect the OUTPUT1 (VIDEO/L/R) jacks on the recorder and the audio/video input jacks of the TV.
- 4 Connect the RF OUT (TO TV) terminal on the recorder and the antenna input connector of the TV.

### You will need to:

- set "Cable Box/DBS" of "Set Top Box setting" to "C.Box". ➡ page 37
- set "Select Input" of "Set Top Box setting" to "Line1". ➡ page 37

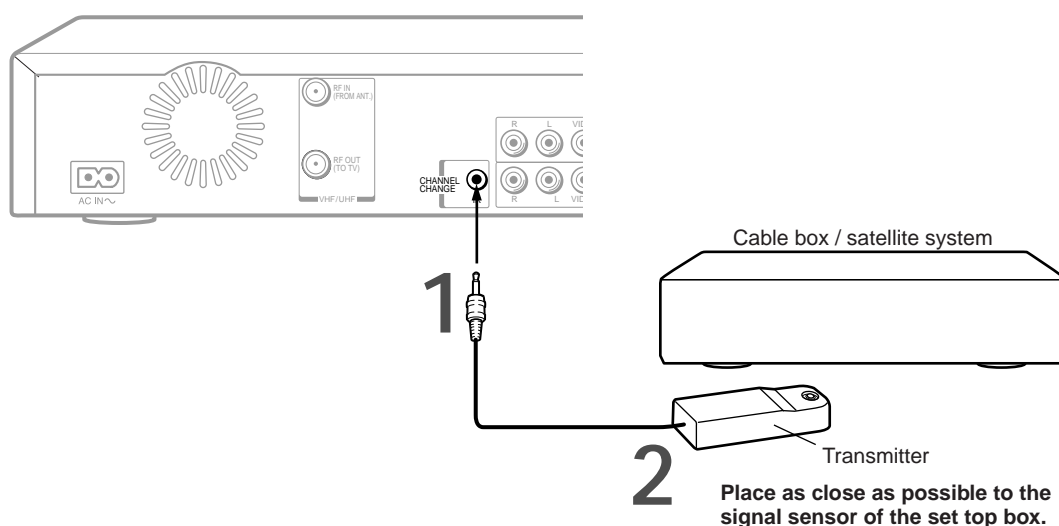
You can control satellite channels from the recorder. Perform the below.

- 1) Connect the supplied IR cable to the CHANNEL CHANGE IR jack of the recorder. ➡ page 19
- 2) Set "IR control" of "Set Top Box setting" to "On". ➡ page 37

## Connecting the IR control cable

The recorder sends commands to your connected set top box to control the channels of it through the IR control cable. Make the following preparation.

- 1** Connect the plug of the supplied IR control cable to the **CHANNEL CHANGE** IR jack on the recorder.
- 2** Place the transmitter near the set top box connected to the recorder.



After connecting, make the necessary setting (➡ page 38).

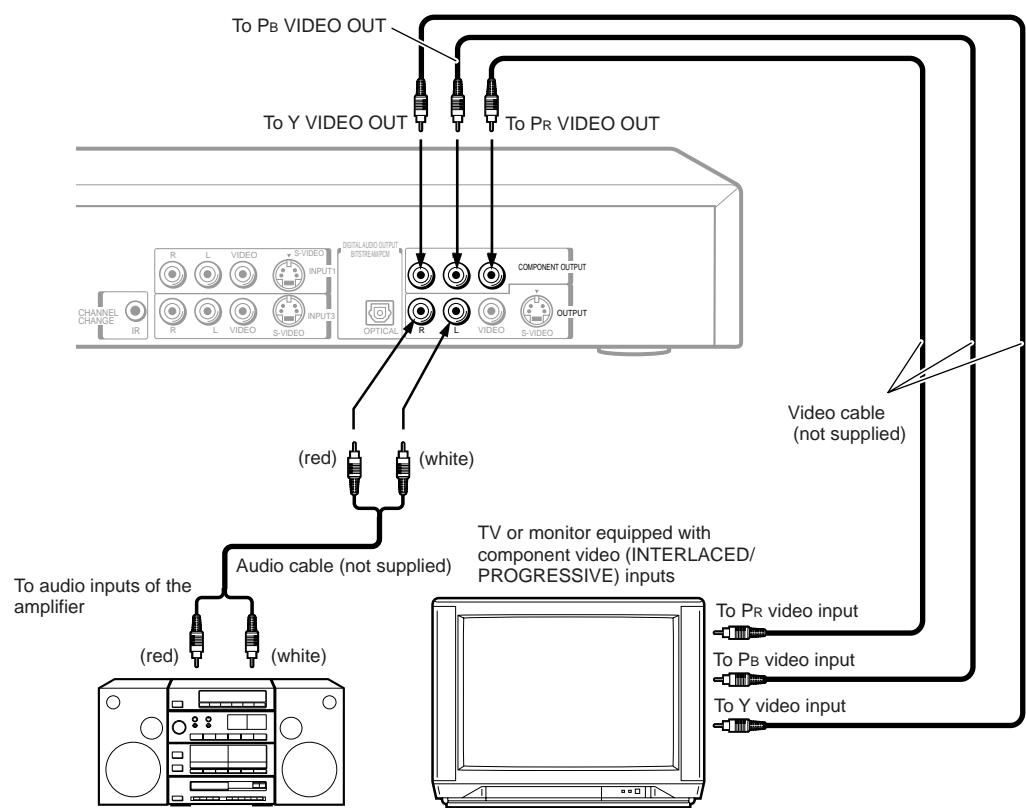
When you use the recorder for the first time, also make the other settings (➡ page 28).

### Notes

- Do not connect an accessory other than the supplied IR control cable to the CHANNEL CHANGE IR jack.
- Do not cover the transmitter.
- The recorder sends commands even while it is turned off.
- Refer to the owner's manual of the connected set top box as well.

# Connecting to a TV equipped with component video inputs

If your TV has component video inputs, you can obtain pictures in better quality.



## ■ Component video outputs/inputs

Some TVs or monitors are equipped with component video inputs. Connecting to these inputs allows you to enjoy higher quality picture playback.


Actual labels for component video inputs may vary depending on the TV manufacturer. (ex. Y, R-Y, R-B or Y, C<sub>B</sub>, C<sub>R</sub>)

In some TVs or monitors, the color levels of the playback picture may be reduced slightly or the tint may change. In such a case, adjust the TV or monitor for optimum performance.

- Make the following setting.

On-screen display	Select	Page
"Audio out select"	"Analog 2ch"	➡ page 42

## To switch the output signal (Progressive/Interlaced)

**PROGRESSIVE** Press PROGRESSIVE on the remote control.  
 The output signal alternates between component progressive and component interlaced.






## Notes

- Refer to the owner's manual of the connected TV as well.
- When you connect the recorder to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before any connections.
- If you place the recorder near a tuner or radio, the radio broadcast sound might be distorted. In this event, place the recorder away from the tuner and radio.
- The output sound of the recorder has a wide dynamic range. Be sure to adjust the audio amplifier's volume to a moderate listening level. Otherwise, the speakers and your hearing may be damaged by a sudden high volume sound.
- Turn off the amplifier before you connect or disconnect the recorder's power cord. If you leave the amplifier power on, the speakers may be damaged.

# Connecting to an audio system

You can enjoy high quality dynamic sounds by connecting the recorder to an audio system.

- For connection to your TV, see ➡ pages 14 to 15, 20.
- For details of output sound, see ➡ page 75 of "OPERATIONS".
- This section uses the following reference marks.

	Front speaker		Center speaker
	Surround speaker		Signal flow
	Sub woofer		

## Notes

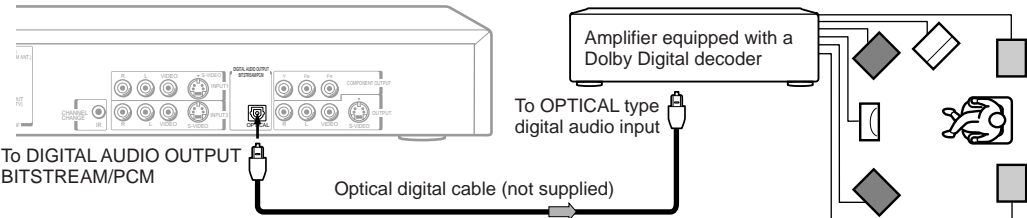
- DO NOT connect the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack of the recorder to the AC-3 RF input of a Dolby Digital Receiver. This input on your A/V Receiver is reserved for Laserdisc use only and is incompatible with the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack of the recorder.
- Connect the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack of the recorder to the "OPTICAL" input of a Receiver or Processor.
- Refer to the owner's manual of the connected equipment as well.
- When you connect the recorder to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before any connections.
- The output sound of the recorder has a wide dynamic range. Be sure to adjust the audio amplifier's volume to a moderate listening level. Otherwise, the speakers and your hearing may be damaged by a sudden high volume sound.
- Turn off the amplifier before you connect or disconnect the recorder's power cord. If you leave the amplifier power on, the speakers may be damaged.

## Warning

- When you are connecting (via the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack) an AV decoder that does not have Dolby Digital, Digital Theater Systems (DTS) or MPEG2 decoding function, be sure to set "Audio out select" to "PCM" from the on-screen displays (➡ page 42). Otherwise, high volume sound may damage your hearing as well as the speakers.
- When playing DTS-encoded discs (DVD video discs and audio CDs), excessive noise may be output from the analog stereo jacks. To avoid possible damage to the audio system, you should take proper precautions when the analog audio out (L/R) jacks of the recorder are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system must be connected to the DIGITAL AUDIO OUTPUT BITSTREAM/PCM jack of the recorder.

Connecting to an amplifier equipped with a Dolby Digital decoder

**Dolby Digital**  
Dolby Digital is the surround sound technology used in theaters showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVD video discs with this dynamic realistic sound by connecting the recorder to a 6 channel amplifier equipped with a Dolby Digital decoder or Dolby Digital processor. If you have a Dolby Surround Pro Logic decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.



- Use DVD video discs encoded via the Dolby Digital recording system.
- Make the following setting.

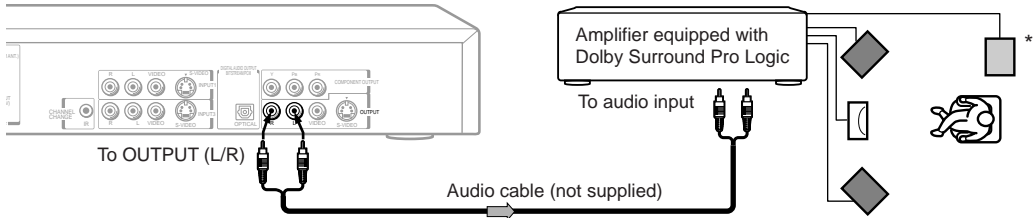
On-screen display	Select:	Page
"Audio out select"	"Bitstream"	➡ page 42
Recording system	D	➡ page 73, "OPERATIONS"

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Connecting to an amplifier equipped with Dolby Surround Pro Logic

**Dolby Surround Pro Logic**  
You can enjoy the dynamic realistic sound of Dolby Surround Pro Logic by connecting an amplifier and speaker system (right and left front speakers, a center speaker, and one or two rear speakers).

- With an amplifier equipped with Dolby Digital  
Connect the equipment the same way as described in "Connecting to an amplifier equipped with a Dolby Digital decoder". Refer to that amplifier's owner's manual and set the amplifier so you can enjoy Dolby Surround Pro Logic sound.
- With an amplifier not equipped with Dolby Digital  
Connect the equipment as follows.



- Make the following setting.

On-screen display	Select:	Page
"Audio out select"	"Analog 2ch"	➡ page 42

\* Connect one or two rear speakers.  
The output sound from the rear speakers will be monaural even if you connect two rear speakers.

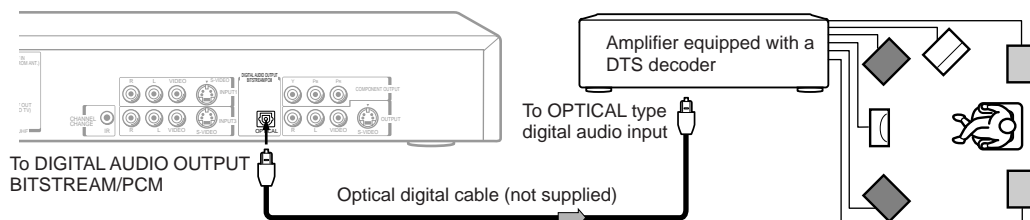
**Be sure to set "Audio out select" to "Analog 2ch" when you enjoy sounds of Dolby Surround Pro Logic using this connection.**

## Connecting to an amplifier equipped with a DTS decoder

### Digital Theater Systems (DTS)

DTS is a high quality surround technology used in theaters and now available for home use, on DVD video discs or audio CDs.

If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded sound tracks on DVD video discs or audio CDs.



- Use DVD video discs or audio CDs encoded via the DTS recording system.
- Make the following setting.

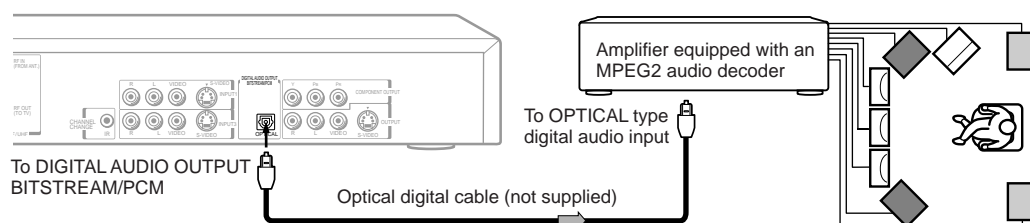
On-screen display	Select	Page
"Audio out select"	"Bitstream"	➡ page 42
Recording system	DTS	➡ page 73, "OPERATIONS"

"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

## Connecting to an amplifier equipped with an MPEG2 audio decoder

### MPEG2 sound

You can enjoy motion picture and live concert DVD video discs with dynamic realistic sound by connecting an amplifier equipped with an MPEG2 audio decoder or MPEG2 audio processor.



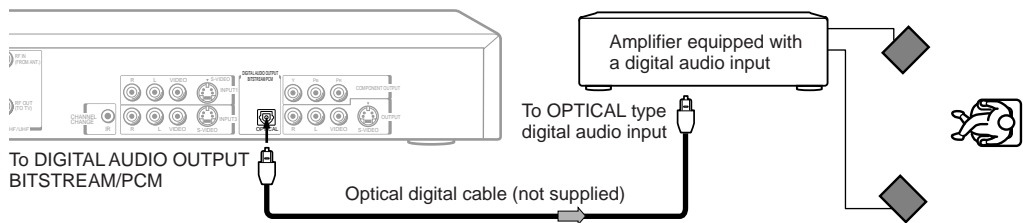
- Use DVD video discs encoded via the MPEG2 recording system.
- Make the following setting.

On-screen display	Select	Page
"Audio out select"	"Bitstream"	➡ page 42
Recording system	MPEG2	➡ page 73, "OPERATIONS"

Connecting to an amplifier equipped with a digital audio input

2 channel digital stereo

You can enjoy the dynamic sound of 2 channel digital stereo by connecting an amplifier equipped with a digital audio input and speaker system (right and left front speakers).



- Make the following setting.

On-screen display	Select	Page
"Audio out select"	"PCM"	➡ page 42



# **Basic Setup**

Read this chapter for necessary settings to get started.  
When you use this recorder for the first time, be sure to  
perform A to C in this order.  
Proceed to D if necessary.

- **Starting up the recorder**

- **A: Initial settings**

- Language setting**

- Time and date setting**

- Channel setting**

- Set top box setting**

- Guide channel setting**

- **B: Output sound setting**

- **C: TV shape setting**

- **D: Remote control settings**

- Operating a TV with the  
remote control of  
this recorder**

- Operating the second and  
third TOSHIBA DVD video  
recorders with the remote  
control of this recorder**

# Starting up the recorder

After all the necessary connections,

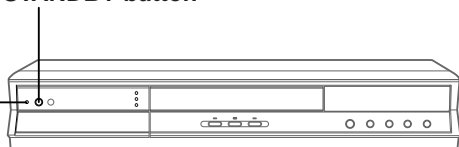
- Turn on the equipment connected to the recorder.
- Select the corresponding video input on your television.

Perform these selections whenever you operate the recorder.

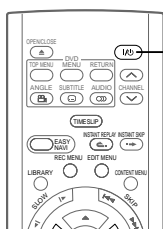
## ■ Turning the power on

Press the ON/STANDBY button from the remote control or on the front panel of the recorder.

ON/STANDBY button



ON/STANDBY indicator



ON/STANDBY button

When the power turns on, the ON/STANDBY indicator changes color from red (standby mode) to green (operation).

After a few seconds, a startup screen appears.

The following icon will appear on the top right corner of the screen. The icon will continue flashing momentarily.

e.g.



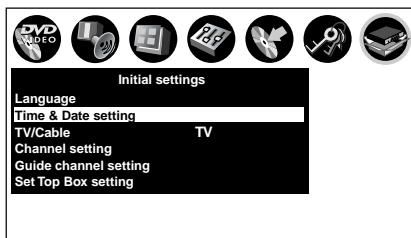
While the icon is flashing, the recorder is checking the status and reading data of the DVD drive for startup. If the DVD drive does not contain a disc, the recorder consumes less time to startup, because it does not need to read data from the DVD drive.

While the "Loading" icon is flashing, the recorder cannot respond to any operations of buttons other than CHANNEL and INPUT SELECT. Operate all other functions after the icon has disappeared.

## Note

- When the recorder is turned on for the first time, the following menu will be displayed after the "Loading" icon has disappeared. See "A: Initial settings" (➡ page 28).

e.g.



## ■ Turning the power off

Press the ON/STANDBY button from the remote control or on the front panel of the recorder.

The "Unloading" icon appears on the right corner of the top of the screen, and the ON/STANDBY indicator turns red. Then the power turns off.

## Note

- If the recorder freezes for about 15 minutes and will not respond to any buttons, holding down the ON/STANDBY button on the front panel for about 10 seconds can force the recorder to turn off. However, this is an emergency measure, which contains a risk of damage to data or discs. Avoid casual use of this measure.

### ■ Startup/finishing (closing) icons

These icons are displayed on the right corner on the top of the screen. While they are flashing, the recorder is operating as follows:



Startup, reading a disc, finishing recording



Unloading a disc, finishing the recorder's operation



Opening a disc tray

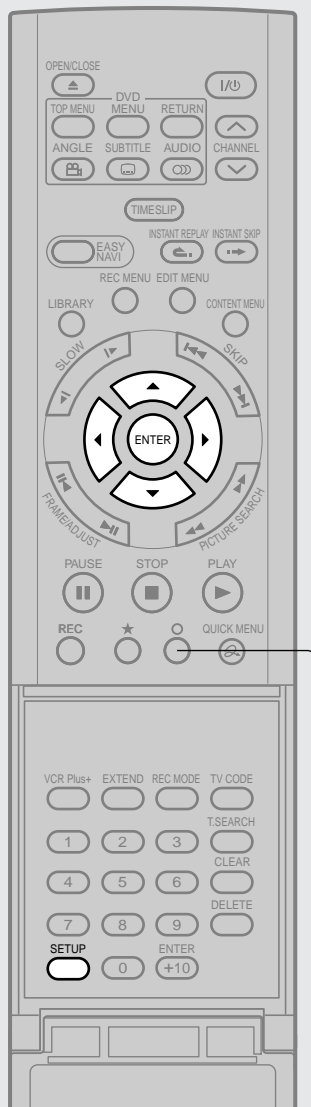


Closing a disc tray

# A: Initial Settings

This step sets the recorder's clock and tuner to record broadcasting TV programs.

Once you complete this process there is generally no need to reset the clock. (However, if there are discrepancies in the recorder's time display or changes made to receivable TV stations, you should make this setting again.)

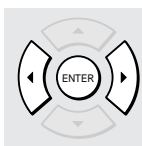


Open the lid.

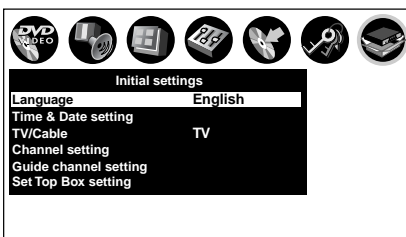
When the recorder is operated for the first time, begin from step 3.

**1** Press **SETUP**.

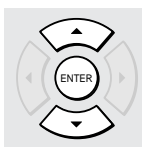
**2** Press **◀/▶** to select "Initial settings", then press **ENTER**.



e.g.



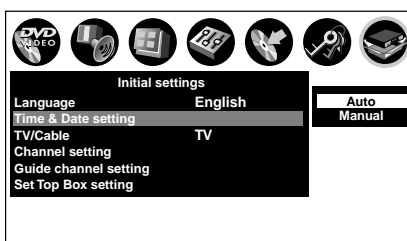
**3** Press **▲/▼** to select the setting to be adjusted, then press **ENTER**.



The submenu appears.

e.g. When "Time & Date setting" is selected:

e.g.



When the recorder is operated for the first time, input settings in the following order.

- 1: Language setting ➡ page 30
- 2: Time and date setting ➡ page 31
- 3: Channel setting ➡ page 34
- 4: Set top box setting ➡ page 36
- 5: Guide channel setting ➡ page 40

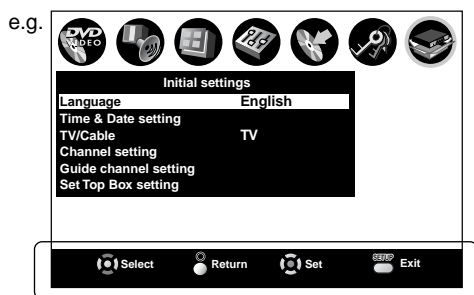
## Notes

- To go back to the previous menu, press the **o** button.
- To exit the menu, press the **SETUP** button.
- If you exit the "Initial settings" menu without setting the clock and channels, a menu may automatically appear to remind you to set them each time you turn on the recorder. Once you complete this process, the menu reminder will not appear again.

## ■ Tip on setting

The recorder provides you with a variety of GUI (Graphical User Interface) displays to perform key operations including customizing of setting, playback or recording.

Refer to the guide on the bottom on each GUI for further programming related information.



Operation guide

### Example of the icon



Direction buttons

### Function

To select an item.



O button

To return to the previous page.



ENTER button

To enter (confirm) a selected item or setting.



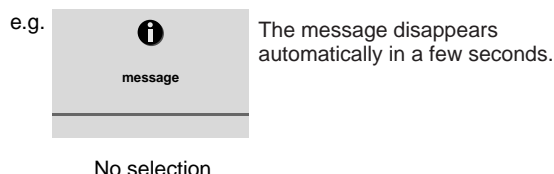
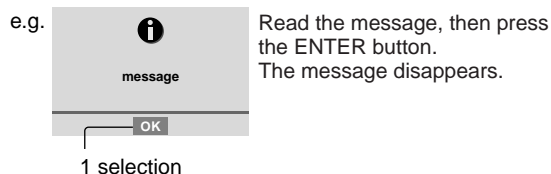
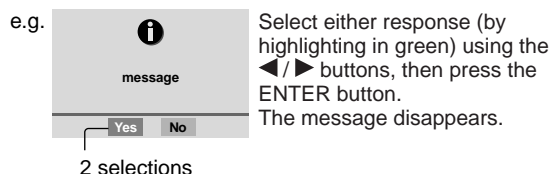
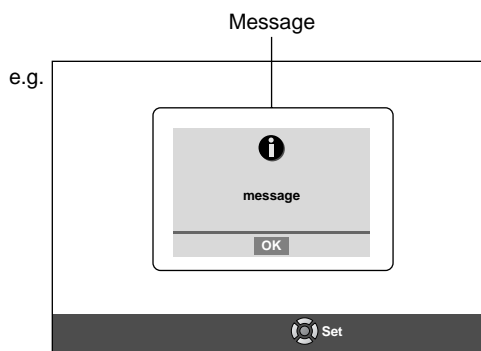
SETUP button

To display/exit a setting menu.

## ■ If a message appears

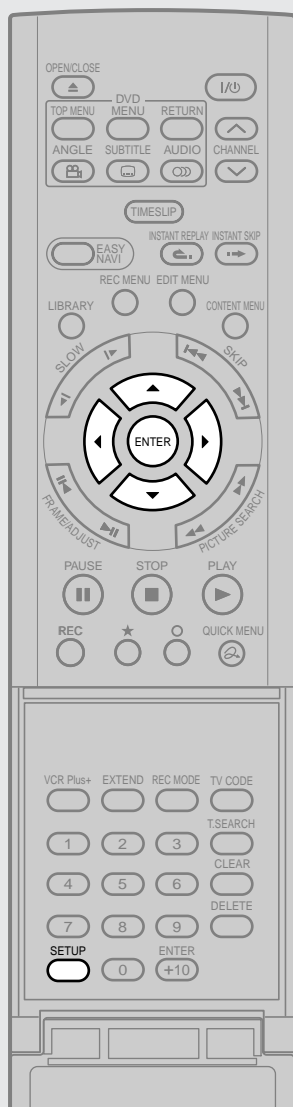
The recorder may display a message. Each message varies according to operational status.

To respond, follow the below examples.



## 1: Language setting

Select a preferred language for on-screen displays.



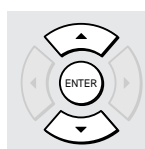
Open the lid.

When the recorder is operated for the first time, begin from step 3.

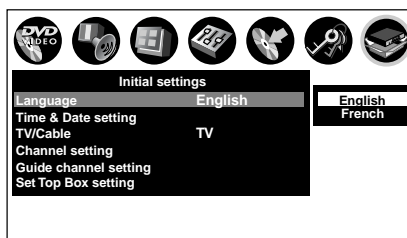
**1** Press **SETUP**.

**2** Press **◀/▶** to select “Initial settings”, then press **ENTER**.

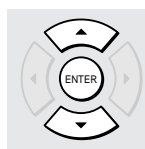
**3** Press **▲/▼** to select “Language”, then press **ENTER**.



e.g.



**4** Press **▲/▼** to select a language, then press **ENTER**.



**English:** To view on-screen displays in English.

**French :** To view on-screen displays in French.

“1: Language setting” is complete. Go to “2: Time and date setting”. (➡ page 31)

## 2: Time and date setting

Set the recorder's clock. If it is not set correctly, the recorder cannot perform operations other than playback.



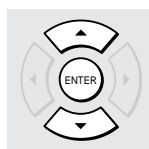
Open the lid.

When the recorder is operated for the first time, begin from step 3.

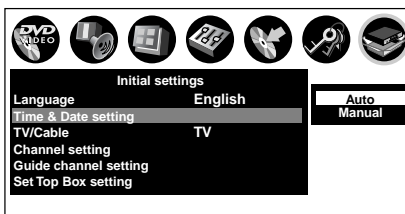
**1** Press **SETUP**.

**2** Press **◀/▶** to select “Initial settings”, then press **ENTER**.

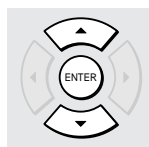
**3** Press **▲/▼** to select “Time & Date setting”, then press **ENTER**.



e.g.



**4** Press **▲/▼** to select “Auto” or “Manual”, then press **ENTER**.



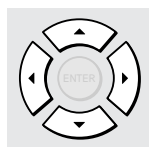
**Auto** : The recorder will set the time and date.  
Proceed to step 5.  
(This is not a self-correcting function.)

**Manual** : You can set the clock manually. See “Manual clock setting” ➡ page 33

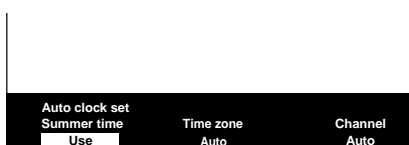
Select “Manual” to set the clock if not set correctly by “Auto”.

### Auto clock setting

**5** Press **◀/▶** to select an item, then press **▲/▼** to select a detailed setting.



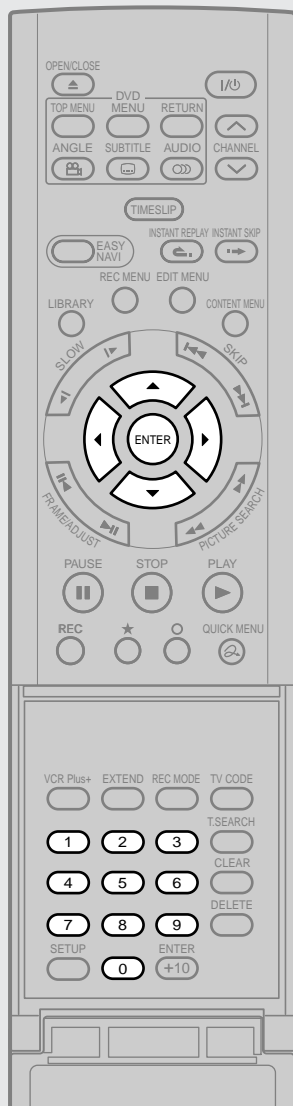
e.g.



## A: Initial Settings (Continued)

## Notes on summer time on this recorder

- The recording system of this recorder always conforms to its own actual clock even at the moment it gains or loses 1 hour of shift to/from summer time. Therefore, there may be some inconsistency in the display's digits or actual operations on that occasion. For example, on the first Sunday in April, the actual recording length of a programmed recording from 1:00 a.m. to 4:00 a.m. will be 2 hours, not 3. Be sure to give a careful consideration to your setting or reading on-screen if a recording period includes the moment of time shift.
- This recorder's clock cannot lose 1 hour on the last Sunday in October even if you set "Auto" or "Use" at step 5, unless it once gained 1 hour in April.

1) Set **"Summer time (Daylight-Saving time)"**.

DST start : Daylight-saving time begins on the first Sunday in April. The internal clock automatically changes from 2:00 AM to 3:00 AM (forward one hour).

DST end : Daylight-saving time ends on the last Sunday in October. At 2:00 AM the recorder clock automatically changes to 1:00 AM (back one hour).

**Auto** : The recorder uses clock data Broadcast by the local (PBS) TV stations.

If you select this when "IR control" is "On" (➡ page 37), the recorder searches 1 - 30 ch of "Select input" (➡ page 37).

**Use** : You want to use the DST function, and you are living in an area that applies Daylight-saving time.

**No Use** : You are not living in the area where Daylight-saving time applies and you do not want to use DST function.

2) Set **"Time zone"**.

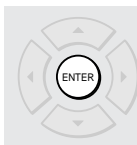
If you select "Auto" for your time zone, the recorder sets the clock using the first Coordinated Universal Time information it finds. If the auto set time is not correct, select another time zone or use the "Manual" option.

3) Set **"Channel"**. (The number buttons are also available to select a channel.)

If you do not know the clock data channel, select "Auto". The recorder will scan automatically to tune the channel carrying the clock data. (generally a PBS station)

Select "Channel" to set the clock if not set correctly by "Auto".

## 6 Press ENTER.



The clock setting starts. The display returns to the previous screen after setting is completed.

Auto Clock Setting may take a long time.

If Auto clock setting is unsuccessful, input the time and date via the "Manual" clock setting menu selection.

## Notes

- If you set "Summer time (Daylight-Saving time)" to "Auto" and "Time zone" to "Manual", a small time discrepancy may occur around the hours of DST start/end.
- Even if "Time & Date setting" is set to "Auto," a time discrepancy within 1 second should be inevitable.
- When setting both "Time & Date setting" and "Time zone" to "Auto", you can confirm the set "Time zone" in the "Time zone" display of the "Manual" screen in "Time & Date setting". (The "Time zone" display of the "Manual" screen in "Time & Date setting" will remain in "Auto".)
- In the case of a programmed recording with the DST change-over point to Daylight-saving time, if the continuous recording time exceeds the limit due to a time discrepancy caused by Daylight-saving time during recording, the recording stops on that point.



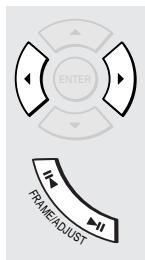
## Manual clock setting

Select "Manual" at step 4 ➡ page 31.

e.g.

Manual clock set					
Year	Date	Time	ampm	Summer	Time zone
2004	3 / 21 (Su)	6 : 15	pm	Use	Hawaii

### 4 Press ◀/▶ and ADJUST (◀◀/▶▶) to set the clock.



#### ◀/▶ buttons:

To select "Year", "Date", "Time", "am/pm", "Summer (Summer time)" or "Time zone".

#### ADJUST (◀◀/▶▶) buttons:

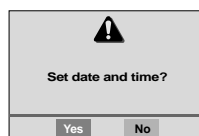
To change the data.

(▲/▼ buttons can also be used in addition to ADJUST (◀◀/▶▶) buttons.)

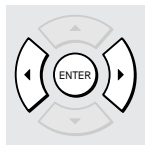
### 5 After setting all the items, press ENTER.



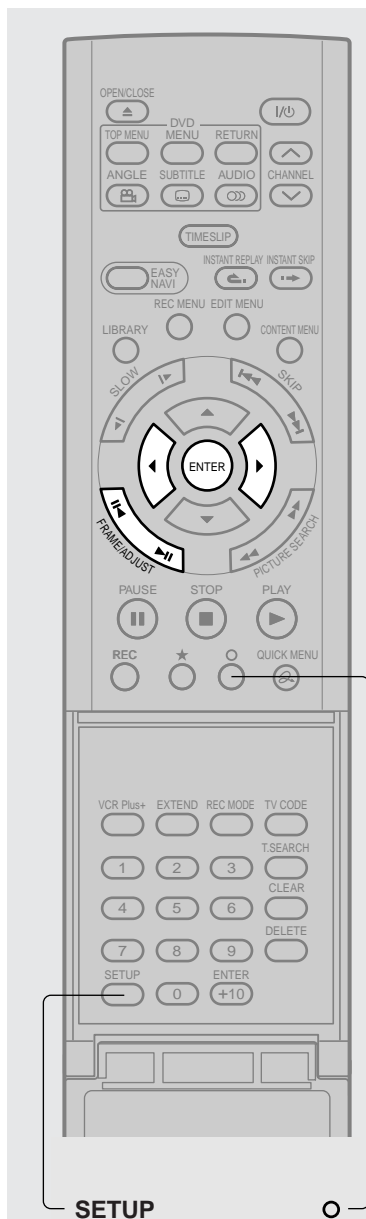
The following message appears.



### 6 Press ◀/▶ to select "Yes", then press ENTER.



The "Initial Settings" menu returns.



#### Notes

- This recorder is provided with a calendar extending to 2069. (However, this does not mean that the recorder is supported to 2069.)
- To go back to the previous menu, press the O button.
- To exit the menu, press the SETUP button.

"1: Time and date setting" is complete. Go to "3: Channel setting". (➡ page 34)

### 3: Channel setting

The recorder scans through all receivable TV and cable channels and stores only the active ones in its memory. Once this process is completed, you can select a desired channel using the CHANNEL buttons.



Open the lid.

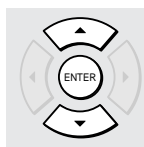
ADJUST

When the recorder is operated for the first time, begin from step 3.

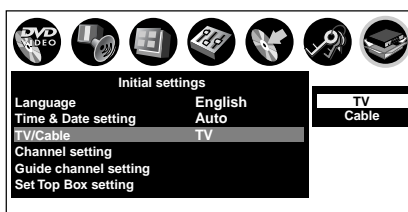
**1** Press **SETUP**.

**2** Press **◀/▶** to select “Initial settings”, then press **ENTER**.

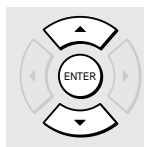
**3** Press **▲/▼** to select “TV/Cable”, then press **ENTER**.



e.g.



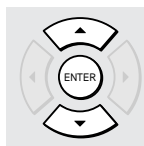
**4** Press **▲/▼** to select “TV” or “Cable”, then press **ENTER**.



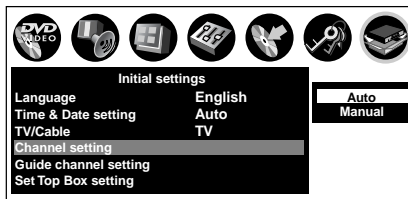
**TV** : To store broadcast channels received via the antenna.

**Cable** : To store channels received via cable.

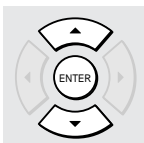
**5** Press **▲/▼** to select “Channel setting”, then press **ENTER**.



e.g.



## 6 Press ▲ / ▼ to select “Auto”, then press ENTER.



The recorder starts scanning and active channels are stored in the recorder in ascending order. The display returns to the previous screen after setting is completed.

### ■ Adding or erasing channels

#### Adding channels

If a desired channel cannot be scanned automatically because of a weak signal, it can be added to the memory.

#### Erasing channels

You can erase a stored channel from the memory.

#### 1) Select “Manual” at step 6.

#### 2) Press ▲ / ▼ to select a channel you want to add or erase.

For cable channels, refer to the chart below page.

#### 3) Press ADJUST (II◀ / ▶II) to select “Add” or “Erase”.

Add : Adding channels

Erase : Erasing channels

e.g.

Channel set Cable manual 1/13		
Home CH	Add/Erase	
1	Add	
2	Erase	
3	Erase	
4	Erase	
5	Add	
6	Erase	
7	Erase	
8	Add	
9	Erase	
10	Erase	

#### 4) Press ENTER.

The confirmation message appears.

Press the ◀ / ▶ buttons to select “Yes”, then press the ENTER button.

## Channel reference

Number on the recorder										CH NUMBER		1	2	3	4	5	6	7	8	9
Corresponding channel number										TV		—	2	3	4	5	6	7	8	9
										Ccable STD (HRC/IRC)		1(A-8)	2	3	4	5(A-7)	6(A-6)	7	8	9
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	11	12	13	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
R	S	T	U	V	W	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	...
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	—	—	...
PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	AAA	BBB	65	66	67	68	69	70	71	...
93	94	95	96	97	98	99	100	101	102	103	...	121	122	123	124	125				
—	—	—	—	—	—	—	—	—	—	—	...	—	—	—	—	—				
93	94	A-5	A-4	A-3	A-2	A-1	100	101	102	103	...	121	122	123	124	125				

#### Cable signals

- STD (standard) cable TV signals
  - HRC (Harmonic Related Carriers) cable TV signals
  - IRC (Incremental Related Carriers) cable TV signals
- IRC is also called ICC (Incremental Coherent Carriers)

“3: Channel setting” is complete. Go to “4: Set top box setting”. (➡ page 36)

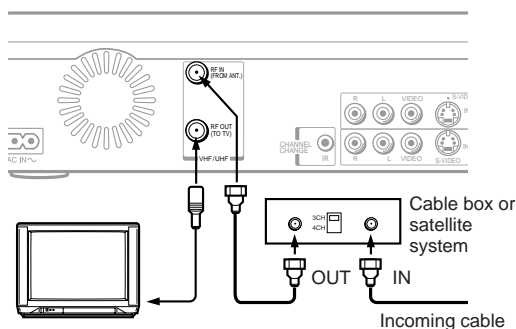
#### 4: Set top box setting

For connecting a cable box or a satellite receiver to this recorder, follow the instructions below:

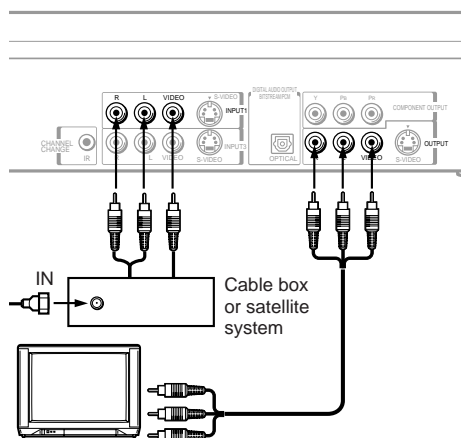
##### Preparation:

- To control channels of the connected set top box from the recorder, connect the supplied IR control cable to the CHANNEL CHANGE IR jack of the recorder. (➡ page 19)
- Confirm which type your connection is.

Type A



Type B



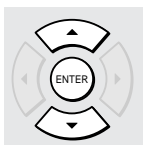
Open the lid.

When the recorder is operated for the first time, begin from step 3.

**1** Press **SETUP**.

**2** Press **◀/▶** to select “Initial settings”, then press **ENTER**.

**3** Press **▲/▼** to select “Set Top Box setting”, then press **ENTER**.



e.g.

Set Top Box setting	
Cable Box/ DBS	Not used
Select Input	3CH
IR control	Off
Brand type	0 0 0



## 4 Press ADJUST (or ◀/▶) to select your set top box connected to this recorder.



If you do not connect a set top box, select "Not used" then press the ENTER button. Skip to step 9.

C.Box: When a cable box is connected.  
DBS: When a satellite system is connected.

## 5 Press ▼.



e.g.

Set Top Box setting	
Cable Box/ DBS	C.Box
Select Input	3CH
IR control	Off
Brand type	0 0 0

## 6 Press ADJUST (or ◀/▶) to select the way of signal input from the set top box.



**3CH** : For type A connection with the output channel number 3 of the set top box.

**4CH** : For type A connection with the output channel number 4 of the set top box.

**Line1** : For type B connection via the INPUT1 jacks using the audio/video cable.

**Line3** : For type B connection via the INPUT3 jacks using the audio/video cable.

## 7 Press ▼, then press ADJUST (or ◀/▶) to select "Off" or "On".

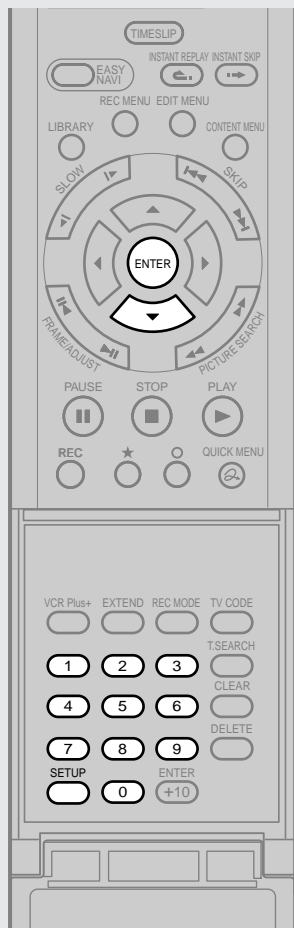


**Off** : Channels of the set top box are selected by its own selector. Skip to step 9.

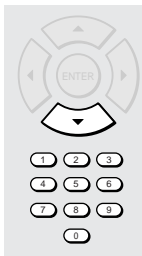
**On** : The recorder can change channels of the set top box.  
(Be sure to make the connection to the CHANNEL CHANGE IR jack (▶ page 19). If you make timer program recording, keep the set top box powered on to have it receive commands from the recorder.)

(Continued)

## A: Initial Settings (Continued)



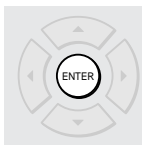
**8** Press **▼**, then press the number buttons to enter the 3 digits of a brand code of your set top box obtained from the table (➡ page 39).



e.g. If you connect a TOSHIBA satellite receiver:

0 → 9 → 0

**9** Press **ENTER**.



The "Initial settings" menu returns.

**10** Press **SETUP**.



The "Initial settings" menu disappears.

If you have selected "On" at step 7, turn on your set top box and confirm that set top box channels are selected by the number buttons or the CHANNEL buttons of the recorder's remote control. If not, shift the transmitter of the IR control cable or try another brand code at step 8.

"4: Set top box setting" is complete. Go to "5: Guide channel setting". (➡ page 40)

## ■ Set top box brand code

Brands	Codes					Brands	Codes				
Archer	044	006	001			Oak	046	011			
Cable Cinema	029	009	001	063		Oak Sigma	046	011			
Cabletenna	029	009	001	063		Optimus DSS	094	095			
Cableview	029	009	001	063		Panasonic	017	016	008		
Centurion	044	051	075	059	076	Panasonic DSS	096				
	078					Philips	023	024	020	013	075
Century	044	051	075	059	076	Philips DSS	091	099	102	105	
	078					Pioneer	006	005	012		
Citizen	044	052	030			Primestar DSS	092	100			
Clearview	074	035	021			ProScan DSS	097	103			
Curtis	008	009	025	061	053	Pulser	004	042			
Diamond	029	009	001	063		Quest	006	005	012		
Drake DSS	093					Radio Shack	044	051	075	059	076
Eagle	062	040	022	013	058		078				
	020					RCA DSS	097	103			
Eastern	028	029				RCA	017	016	008		
Echostar DSS	092	100				Realistic	044	051	075	059	076
Explorer	008	009	025	061	053		078				
GC Electronics	044	042	063	029		Recoton	044	051	075	059	076
Gemini	030	004					078				
General Electric	001	057				Regal	041	014	015	028	
General Instrument	001	083	034	003	002	Regency	028	029			
	004	084	055	065	066	Rembrandt	044	042	063	029	
	067	068	069			Samsung	042	006	032		
Gerrard	044	051	075	059	076	Samsung DSS	097	103			
	078					Scientific Atlanta	008	009	025	061	053
Hamlin	041	014	015	028		Sheritech	027				
Hitachi	031					Signal	026	075			
Hitachi DSS	091	099	102	105		SL Marx	042	006	032		
Hughes DSS	091	099	102	105		Sony	010				
Jasco	030	004				Sony DSS	098				
Jerrold	001	083	034	003	002	Sprucer	017	016	008		
	004	084	055	065	066	Standard Components	032	039			
	067	068	069			Stargate	004	042			
Macom	031					Sylvania	019	018			
Maestro	074	035	021			Teknika	074	035	021		
Magnavox	026	075				Telecaption	077				
Magnavox DSS	094	095				Teleview	040	019	038	032	
Matsushita	017	016	008			Texscan	019	018			
Motorola	001	083	034	003	002	Tocom	034	033	001	042	066
	004	084	055	065	066	Toshiba	036				
	067	068	069			Toshiba DSS	090				
Movietime	032	039				Uniden DSS	094	095			
NEC	040	019	038	032		Unika	044	042	063	029	
Next Level	100	083	034	003	002	Universal	052	043	044	063	
	004	084	055	065	066	Videoway	007	023	050		
	067	068	069			Vidtek	064				
Novaplex	044	051	075	059	076	Viewstar	062	040	022	013	058
	078						020				
Novavision	008	009	025	061	053	Zenith	007	023	050		
NSC	040	019	038	032		Zenith HDS	101				

A: Initial Settings (Continued)

5: Guide channel setting

VCR Plus+ system is a timer recording system designed to simplify programming. It requires you to enter a PlusCode® programming number corresponding to a desired program. You must program the recorder for the special numbers for guide channels (also called VCR Plus+ system channel numbers) assigned to each channel that you receive. The recorder identifies the channel to be recorded by the guide channel number you enter. The guide channel numbers are published in TV guide magazine, selected local TV publications, or in the channel guide from cable company. If you cannot find the VCR plus numbers, call Gemstar's customer service department at 1-800-4321-VCR or visit their website at [www.vcrplus.com](http://www.vcrplus.com).

\* VCR Plus+, C<sup>3</sup> and PlusCode are registered trademarks of Gemstar Development Corporation. The VCR Plus+ system is manufactured under license from Gemstar Development Corporation.

Sample of a Guide channel chart from a local TV listing

VCR Plus+® SYSTEM CHANNEL NUMBERS			
Broadcast channels	Assigned channels	Cable channels	Assigned channels
3 KCRA (NBC)	3	A & E	39
6 KVIE (PBS)	6	AMC	35
10 KXTV (CBS)	10	BET	57
13 KOVR (ABC)	13	BRAV	54
19 KCSO (SPAN)	19	CMTV	14
31 KRBK (IND)	31	CNBC	23
40 KTXL (FOX)	40	CNN	42
58 KSCH (IND)	25	C-SPAN	28
44 KBHK (IND)	15	CUNY	29
24 KCPM (NBC)	24	DIS	53
4 KRNV (NBC)	28	ESPN	34
42 KFCB (IND)	27	FAM	47
7 KGO (ABC)	28	HBO	33

Sample of a Channel line-up chart from a cable-TV company

CHANNEL LINE-UP CHART	
Channel 2	ME/U
Channel 3	8 WISH
Channel 4	4 WTTV
Channel 5	6 WRTV
Channel 6	VCA/Local origination
Channel 7	HOME BOX OFFICE
Channel 8	A.P News Plus
Channel 9	9 WGN.

Preparation

- If you record cable/satellite channels, finish the set top box setting. ➡ page 36
- Prepare the list like below.

Example

Station	Guide channel number (on the TV Guide, local TV listings etc.)	Your home channel number (on the channel line-up chart supplied by cable companies)
HBO	33	7
ESPN	34	
AMC	35	



When the recorder is operated for the first time, begin from step 3.

- 1 Press **SETUP**.
- 2 Press **◀/▶** to select “Initial settings”, then press **ENTER**.
- 3 Press **▲/▼** to select “Guide channel setting”, then press **ENTER**.

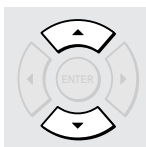
The “Guide channel setting” menu appears.







## 4 Press ▲ / ▼ to find a guide channel number you marked on the list.

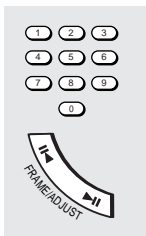


e.g. guide channel number 33 (HBO)

e.g.

Guide channel setting		4/13
Guide CH	Home CH	
31	31	
32	32	
33	33	
34	34	
35	35	
36	36	
37	37	
38	38	
39	39	
40	40	

## 5 Press the number buttons or ADJUST (◀▶) to set the corresponding home channel number.



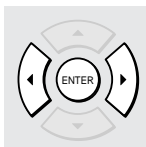
e.g. home channel number 7 (HBO)

e.g.

Guide channel setting		4/13
Guide CH	Home CH	
31	31	
32	32	
33	7	
34	34	
35	35	
36	36	
37	37	
38	38	
39	39	
40	40	

In some areas, a channel may be assigned more than one guide channel number. In this case, enter the home channel number to each of the guide channel numbers.

## 6 Press ENTER.



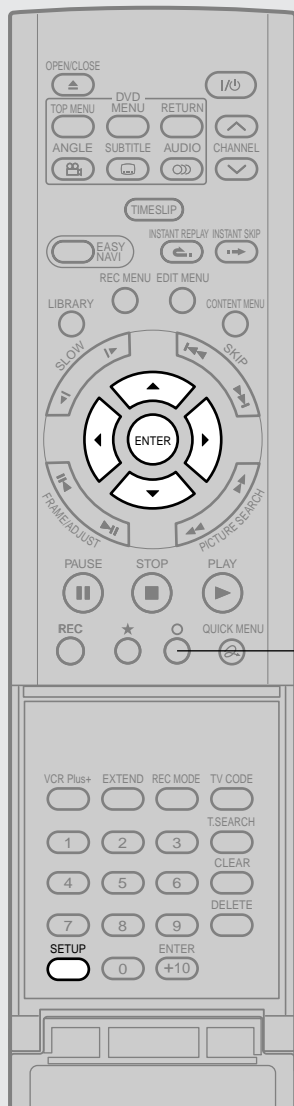
The confirmation message appears. Press the ◀ / ▶ buttons to select "Yes", then press the ENTER button.

### Note

- If you change the settings on "3: Channel setting" or "4: Set top box setting" (▶ page 34-39), the guide channels you have set may change. After you changed these settings, be sure to check "Guide channel setting" again, and correct the setting, if necessary.

# B: Output sound setting

Select the output sound setting corresponding to the connected TV or audio system.



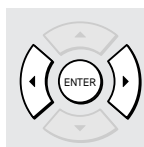
Open the lid.

## 1 Press **SETUP** to display the setup menu.

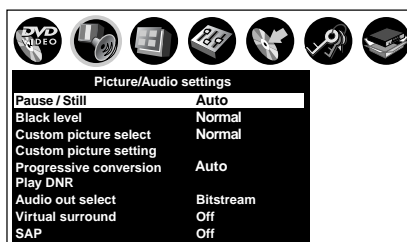
SETUP

When it is already displayed, press the **O** button.

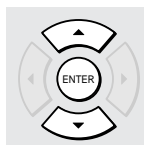
## 2 Press **◀/▶** to select “Picture/Audio settings”, then press **ENTER**.



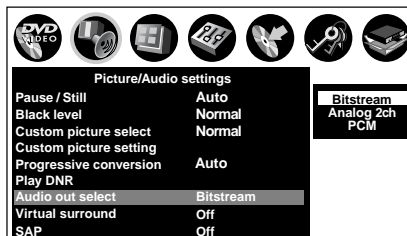
e.g.



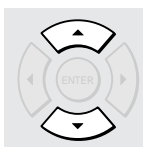
## 3 Press **▲/▼** to select “Audio out select”, then press **ENTER**.



e.g.



## 4 Press ▲ / ▼ to select the output sound format.



### Bitstream:

Select when connected to an amplifier equipped with a Dolby Digital, DTS, MPEG1 and MPEG2 decoder. (➡ pages 22, 23)

The recorder outputs digital audio information in the bitstream format when you play a DVD video disc recorded on the Dolby Digital, DTS, MPEG1 and MPEG2 recording system.

### Analog 2ch:

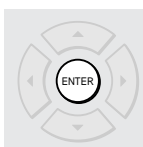
Select when connected to a TV or audio system via the analog audio jacks. (➡ pages 20, 22)

### PCM:

Select when connected to a 2 channel digital stereo system. (➡ page 24)

The recorder outputs sounds in the PCM 2ch format when you play a DVD video disc recorded on the Dolby Digital, MPEG1 and MPEG2 recording system.

## 5 Once the proper setting is selected, press ENTER.



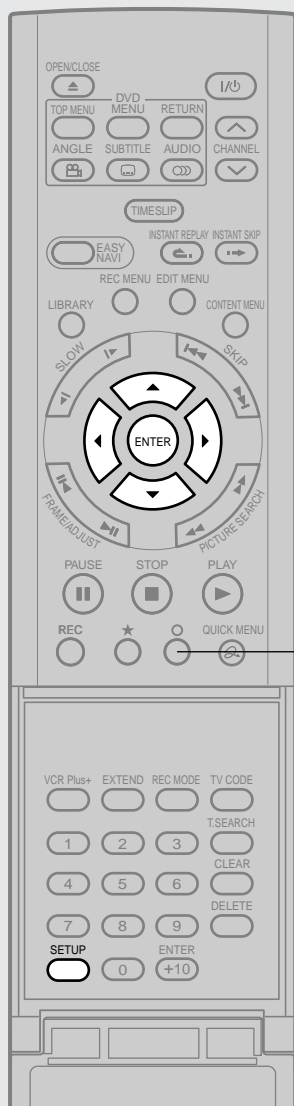
The submenu disappears.

To exit the setting menu, press the SETUP button.

“B: Output sound setting” is complete. Go to “C: TV shape setting”. (➡ page 44)

# C: TV shape setting

Select the picture shape according to the aspect ratio of your TV.



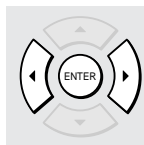
Open the lid.

## 1 Press **SETUP** to display the setup menu.

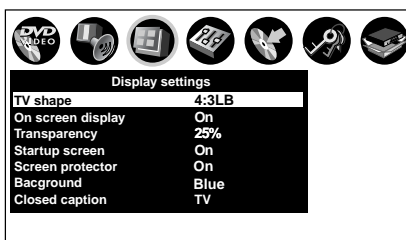
SETUP

When it is already displayed, press the **O** button.  
(For return to previous)

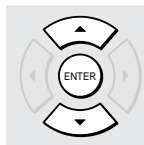
## 2 Press **◀/▶** to select “Display settings”, then press **ENTER**.



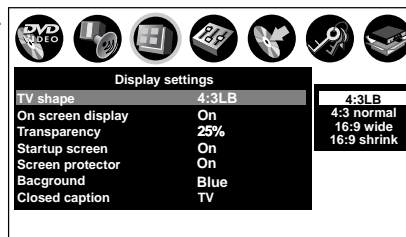
e.g.



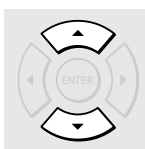
## 3 Press **▲/▼** to select “TV shape”, then press **ENTER**.



e.g.



## 4 Press ▲ / ▼ to select the picture shape.



### 4:3 LB:

Select when a standard 4:3 TV is connected.  
Displays theatrical images with masking bars above and below the picture.



### 4:3 normal:

Select when a standard 4:3 TV is connected.  
Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.



### 16:9 wide:

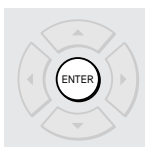
Select when a 16:9 wide TV is connected.

### 16:9 shrink:

Select when a 16:9 wide TV is connected.  
When a 4:3 aspect ratio image has been elongated to 16:9 wide picture size, use this setting.  
Masking bars to the right and left appears.



## 5 Once the proper setting is selected, press ENTER.



The submenu disappears.  
To exit the setting menu, press the SETUP button.

### Notes

- Actual picture shape may depend on signal type of broadcast or input source, or settings on the connected TV. Refer to the owner's manual of the TV.
- The displayable picture shape is preset on the DVD video disc. Therefore, the playback picture of some DVD video discs may not conform to the picture shape you select.

"C: TV shape setting" is complete. Go to "D: Remote control settings". (➡ page 46)

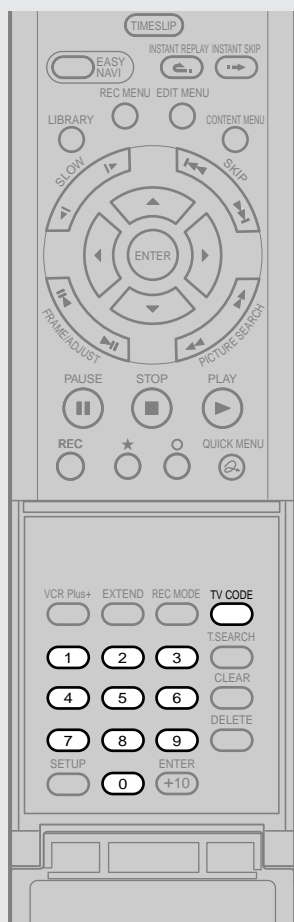
# D: Remote control settings

Perform this step according to your preference and usage.

## Operating a TV with the remote control of this recorder

If your TV is compatible with this recorder, you can use the remote control of this recorder to operate your TV.

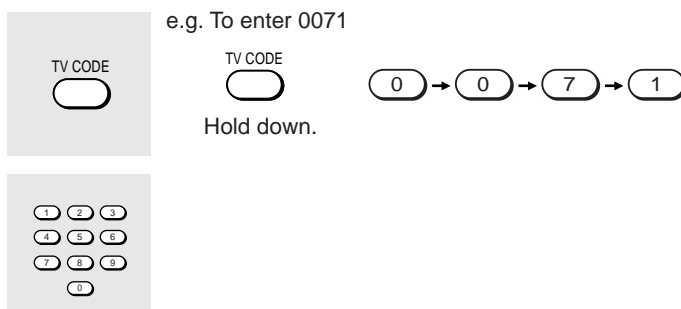
### Preparation: Entering a brand code into the remote control



Open the lid.

## 1 While holding TV CODE, press the number buttons to enter a corresponding brand code (see the next page) of your TV.

e.g. To enter 0071

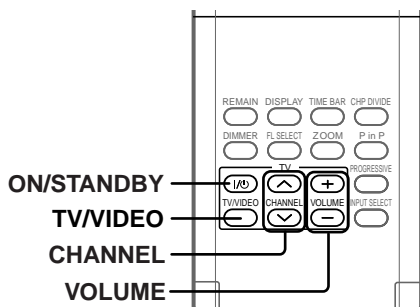


## 2 Release TV CODE.

The brand code is memorized.

### ■ Operating the remote control

Point the remote control into which you have entered the brand code, to your TV and press the following buttons.



- ON/STANDBY:** To turn on and off the TV
- TV/VIDEO :** To change the video input
- CHANNEL :** To select the TV channel
- VOLUME :** To adjust the volume

## ■ Brand code table

Brand name	Brand code					Brand name	Brand code				
TOSHIBA	0001	0071	0211	0571		RCA	0971	1071	1081	1091	0201
BELL & HOWELL	0471	0651	0071	0281	0441		1041	0501			
CARVER	0201	0251	0281	0411	0501	REALISTIC	0631	1001	1011	1021	1031
CITIZEN	0201	0251					0851	0201	0501	0481	0321
CURTIS MATHES	0471	0651	0071	0281	0441		0331	0501	0651	0771	
	0311	0431	0521	0571		RUNCO	0071	0091	0281	0291	0341
EMERSON	0201	0231	0471	0481	0571		0471	0651			
	0581	0651				SAMSUNG	0171	0181	0251	0281	0411
FISHER	0041	0121	0181	0201	0281		0491	0501	0631	0661	0791
	0471	0571	0651			SANYO	0021	0041	0081	0121	0171
GE	0941	0951	0961	0971	0981		0181	0201	0231	0241	0451
	0991	1041					0571	0651	0671	0701	0711
GOLDSTAR	0201	0251	0281	0411	0501		0721				
HALLMARK	0001	0511	0201	0231	0471	SEARS	0001	0191	0491	0201	0501
	0481	0571	0581	0651			0071	0211	0571	0041	0121
HITACHI	0021	0221	0251	0351	0371		0181	0201	0281	0471	0651
	0381	0431	0571	0641	0751	SHARP	0511	0851	0571	0201	0501
INFINITY	0501					SONY	0681	0441	0451	0571	
JBL	0501					SOUNDESIGN	0201	0481			
JVC	0521	0311	0431	0571		SYLVANIA	0501	0071	0191	0221	0461
LXI	0001	0511	0851				0471	0591	0611	0651	0371
MAGNAVOX	0501	0071	0191	0221	0461		0511	0531	0841		
	0471	0591	0611	0651		TANDY	0171	0511	0851	0571	0201
MARANTZ	0201	0501					0501				
MEMOREX	0411					TECHNICS	1061	0371	0501	0511	0531
MGA	0201						0761	0841	0911		
MITSUBISHI	0201	0321	0331	0451	0501	TEKNIKA	0201	0251	0481	0501	
	0511	0571	0651	0771		TMK	0201	0251			
MTC	0201	0251				VIDTECH	0201	0501	0401	0411	0851
NAD	0001	0511					0511				
OPTONICA	0511	0851	0571	0201	0501	WARDS	0201	0501	0001	0191	0481
PANASONIC	1061	0371	0501	0511	0531		0491	0851	0511	0571	0071
	0761	0841	0911				0281	0441			
PHILCO	0071	0111	0181	0201	0271	ZENITH	0931				
	0301	0461	0501	0651							
PHILIPS	0071	0191	0221	0461	0471						
	0501	0591	0611	0651							
PROTON	0201										
PULSAR	0931	0071	0091	0281	0291						
	0341	0471	0651								
QUASAR	0371	0501	0511	0531	0761						
	0841	0911									
RADIO SHACK	0631	1001	1011	1021	1031						
	0851	0201	0501	0481	0321						
	0331	0501	0651	0771							

### Notes

- TOSHIBA code is factory set.
- Some brands have several codes. Try one by one until the remote control can operate your TV.
- Depending on the TV, the remote control may not operate at all or some of the buttons may not work.
- When replacing the batteries of the remote control, re-enter the brand code of your TV.

## Operating the second and third TOSHIBA DVD video recorders with the remote control of this recorder

Switches the codes to operate the recorder.

If you use the second and third TOSHIBA DVD video recorders, set the different remote codes for each recorder to avoid confusion in the response of the recorders.

**Example: Setting this recorder's remote control mode to DR 2, after another DVD recorder has been set to DR 1.**

(It is necessary to set the remote control mode on both the recorder and the remote control.)



Open the lid.

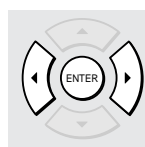
### Setting up the recorder

#### 1 Press SETUP.

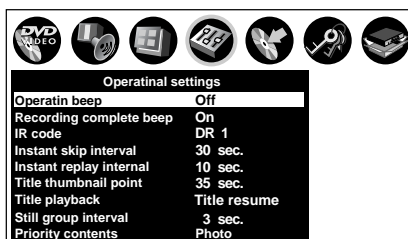


The setting menu appears.

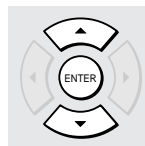
#### 2 Press ◀/▶ to select “Operational settings”, then press ENTER.



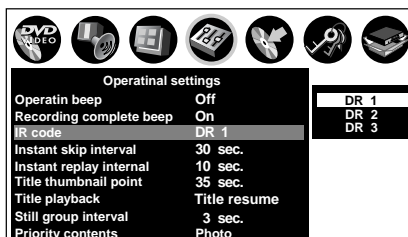
e.g.



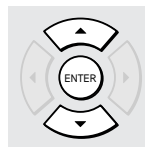
#### 3 Press ▲/▼ to select “IR code”, then press ENTER.



e.g.



#### 4 Press ▲/▼ to select “DR 2” (example), then press ENTER.



The submenu disappears.

By pressing the ENTER button, the selected command mode is set in the recorder. Operation may not be possible temporarily until you set the corresponding mode in the remote control itself. Proceed to the next setting.





## Setting up the remote control

### 5 While pressing SETUP, press 2.

The remote control mode is set to ' "DR 2".

SETUP

2

Select the same mode that you have set to the recorder.

	Mode setting	
	Recorder	Remote control
When using with DR 1 mode	DR 1 DR 2 DR 3	SETUP + 1
When using with DR 2 mode	DR 1 DR 2 DR 3	SETUP + 2
When using with DR 3 mode	DR 1 DR 2 DR 3	SETUP + 3

#### Notes

- If the recorder's mode and the remote control's mode are different, the recorder's mode (DR 1, DR 2 or DR 3) appears in the display of the front panel.
- When the batteries of the remote control are replaced or when the time indicator of the front panel flashes, check the remote control modes of both the recorder and the remote control, and re-program if necessary.

#### ■ Disabling the remote control for a temporary period

You can temporarily disable the reception of the remote control signals at the recorder, when the selection of DR 1, DR 2 and DR 3 is not sufficient while you are using several Toshiba DVD video recorders.

**Press the CHANNEL buttons on the recorder at the same time for three seconds or more.**

The recorder display shows "DR - OFF", indicating that the remote control is disabled.

To enable the remote control, perform the same step again. (The display shows "DR-1", "DR-2" or "DR-3" depending on your setting.)

#### Note

- This function is not available in Standby mode.
- You cannot use this feature when the power is turned off, if you have turned "On" the "Eco. mode" on the menu.

## Limited Warranty DVD PLAYER/RECORDER

Toshiba America Consumer Products, L.L.C., ("TACP") makes the following limited warranties to original consumers in the United States. THESE LIMITED WARRANTIES EXTEND TO THE ORIGINAL CONSUMER PURCHASER OR ANY PERSON RECEIVING THIS DVD PLAYER/RECORDER AS A GIFT FROM THE ORIGINAL CONSUMER PURCHASER AND TO NO OTHER PURCHASER OR TRANSFEREE.

PRODUCTS PURCHASED IN THE U.S.A. AND USED IN CANADA ARE NOT COVERED BY THESE WARRANTIES.

PRODUCTS PURCHASED IN CANADA AND USED IN THE U.S.A. ARE NOT COVERED BY THESE WARRANTIES.

### Limited Ninety (90) Day Warranty on Labor\*

TACP warrant this DVD PLAYER/RECORDER and its parts against defects in materials or workmanship for a period of ninety (90) days after the date of original retail purchase. DURING THIS PERIOD, TACP WILL, AT TACP'S OPTION, REPAIR OR REPLACE A DEFECTIVE PART WITH A NEW OR REFURBISHED PART WITHOUT CHARGE TO YOU FOR PARTS OR LABOR. YOU MUST DELIVER THE ENTIRE DVD PLAYER/RECORDER TO AN AUTHORIZED TACP SERVICE STATION. YOU MUST PAY FOR ALL TRANSPORTATION AND INSURANCE CHARGES FOR THE DVD PLAYER/RECORDER TO AND FROM THE SERVICE STATION.

### Limited One (1) Year Warranty on Parts\*

TACP further warrant the parts in this DVD PLAYER/RECORDER against defects in materials or workmanship for a period of one (1) year after the date of original retail purchase. DURING THIS PERIOD, TACP WILL, AT TACP'S OPTION, REPAIR OR REPLACE A DEFECTIVE PART WITH A NEW OR REFURBISHED PART WITHOUT CHARGE TO YOU FOR THE PART, PROVIDED THAT IF A DEFECTIVE PART IS REPAIRED OR REPLACED **AFTER NINETY (90) DAYS FROM THE DATE OF ORIGINAL RETAIL PURCHASE, THE CONSUMER PAYS ALL LABOR CHARGES INVOLVED IN THE REPAIR OR REPLACEMENT.** YOU MUST DELIVER THE ENTIRE DVD PLAYER/RECORDER TO AN AUTHORIZED TACP SERVICE STATION. YOU MUST PAY FOR ALL TRANSPORTATION AND INSURANCE CHARGES FOR THE DVD PLAYER/RECORDER TO AND FROM THE SERVICE STATION.

#### \* Rental Units

The warranty for rental units begins with the first rental or thirty (30) days from the date of shipment to the rental firm, whichever comes first.

#### \* Commercial Units

DVD PLAYER/RECORDER(s) sold and used for commercial purposes have a limited ninety (90) day warranty.

### Owner's Manual and Demographic Card

You should read this owner's manual thoroughly before operating this DVD PLAYER/RECORDER. You should complete and mail the enclosed Demographic card within ten days after you, or the person who has given you this product as a gift, purchased this DVD PLAYER/RECORDER. This is one way to enable TACP to provide you with better customer service and improved products. Failure to return the Demographic card will not affect your rights under this warranty.

### Your Responsibility

THE ABOVE WARRANTIES ARE SUBJECT TO THE FOLLOWING CONDITIONS:

- (1) You must provide your bill of sale or other proof of purchase.
- (2) All in-warranty servicing of this DVD PLAYER/RECORDER must be made by a specified Authorized TACP Service Station.
- (3) The warranties from TACP are effective only if the DVD PLAYER/RECORDER is purchased and operated in the U.S.A. or Puerto Rico.
- (4) Labor service charges for set installation, set up, adjustment of customer controls and installation or repair of hook up related items and/or antenna systems are not covered by these warranties. Reception problems caused by inadequate antenna systems are your responsibility.
- (5) Warranties extend only to defects in materials or workmanship as limited above and do not extend to any DVD PLAYER/RECORDER or parts which have been lost or discarded by you or to damage to DVD PLAYER/RECORDER or parts caused by misuse, accident, Acts of God, such as lightning or fluctuations in electric power, improper installation, improper maintenance or use in violation of instructions furnished by TACP; or to units which have been modified or had the serial number removed, altered, defaced or rendered illegible.

## How to Obtain Warranty Services

If, after following all of the operating instructions in this manual and checking the section "Troubleshooting", you find that service is needed:

- (1) For instructions on how to obtain warranty service for your DVD PLAYER/RECORDER, contact TACP Call Center's toll free number at 1-866-583-7353.
- (2) You must include a copy or original bill of sale or other proof of purchase along with the entire DVD PLAYER/RECORDER to the Authorized TACP Service Station specified by the Call Center. You must pay for all transportation and insurance charges for the DVD PLAYER/RECORDER to the Service Station.

For additional information, visit TACP's web site:  
[www.tacp.toshiba.com](http://www.tacp.toshiba.com).

## Time for Taking Action

ALL WARRANTIES IMPLIED BY THE LAW OF ANY STATE OF THE U.S.A., INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THE LIMITED WARRANTIES SET FORTH ABOVE. WITH THE EXCEPTION OF ANY WARRANTIES IMPLIED BY THE LAW OF ANY STATE OF THE U.S.A. AS HEREBY LIMITED, THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, AGREEMENTS AND SIMILAR OBLIGATIONS OF TACP WITH RESPECT TO THE REPAIR OR REPLACEMENT OF ANY PARTS. IN NO EVENT SHALL TACP OR BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within which action must be commenced to enforce any obligation of TACP arising under this warranty or under any law of the United States or of any state thereof is hereby limited to 90 days from the date you discovered or should have discovered, the defect. This limitation does not apply to implied warranties arising under the law of any state of the U.S.A.

## HOW STATE LAW RELATES TO WARRANTY

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE IN THE U.S.A. SOME STATES OF THE U.S.A. DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, WHEN AN ACTION MAY BE BROUGHT, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU UNDER SUCH CIRCUMSTANCES.



## - IMPORTANT - CANADIAN WARRANTY INFORMATION GARANTIE CANADIENNE

### STANDARD WARRANTY TYPE OF SET

DVD Player  
DVD/VCR Combination  
Home Theatre in a Box  
DVD Recorder  
Portable DVD

### GARANTIE NORMALE TYPE D'APPAREIL

Lecteur DVD  
DVD/magnétoscope combo  
Cinéma maison dans une boîte  
Enregistreur DVD  
DVD Portatif

### WARRANTY PERIOD

12 MONTHS

### DURÉE DE LA GARANTIE:

12 MOIS

### CANADIAN WARRANTY

Toshiba of Canada Limited (TCL) makes the following limited warranties to original consumers in Canada. Please retain your "Bill of Sale" as proof of purchase. **To obtain a "Canadian Warranty" please register online at [www.toshiba.ca](http://www.toshiba.ca).**

### GARANTIE CANADIENNE

1) Toshiba du Canada Limitée (TCL) offre au Canada les garanties limitées suivantes aux consommateurs originiaux. Veuillez conserver votre « facture » comme preuve d'achat. **Pour obtenir une garantie canadienne, veuillez vous inscrire en ligne à [www.toshiba.ca](http://www.toshiba.ca)**

### Canadian Warranty Information

Should service be required on this unit during the one year warranty period, TCL's option will be to repair or exchange the defective unit. It will be necessary to follow this procedure:

**Contact:** Toshiba of Canada Limited at the Consumer Electronics Group, customer support line.

**Phone:** 1-800-268-3404

**Email:** [ceg\\_customer\\_support@toshiba.ca](mailto:ceg_customer_support@toshiba.ca)

All in-warranty repairs must be made by an authorized TCL service centre.

For service exchange TCL will arrange to have the unit picked up by courier and a replacement unit will be returned via same courier. (Note: A major credit card number will be required as a charge of \$25.00 will apply if no fault is found with the unit.) During the first 3 months of ownership, a new unit will be supplied as a replacement. During the remainder of the warranty period a service-renewed unit will be supplied.

The original "Bill of Sale" must be provided as proof of purchase (it will be returned with the replacement unit.)

**This 12-month warranty will be strictly adhered to.**

Out of warranty units should be repaired by a TCL authorized service centre.

Note: It is the responsibility of the owner to ensure proper packaging. Should damage in shipping occur, due to poor packaging, a charge back for the repair will result.

This warranty applies to the original purchaser only and is not transferable.

This warranty does not apply to sets that have been subjected to misuse, neglect, accident, physical damage or acts of nature.

Sets with the serial number removed, altered, replaced or defaced will not be covered by this warranty.

The warranties from TCL are effective only if the product is purchased in Canada from an authorized TCL dealer and operated in Canada.

Products utilized for rental or commercial purposes are not covered by this warranty.

This warranty is in lieu of all other warranties, guarantees or agreements, whether expressed or implied, and no person, agent distributor, dealer, service centre or company is authorized to change, modify or extend its terms in any manner whatsoever.

### Information sur la garantie Canadienne

Si vous avez besoin de service sur cet appareil au cours de l'année de garantie, Toshiba du Canada Limitée aura l'option de réparer ou échanger l'appareil défectueux. Vous devrez suivre la procédure suivante:

**Contact:** Toshiba du Canada Limitée au Groupe Électronique aux consommateurs, service à la clientèle.

**Tél:** 1-800-268-3404

**Courriel:** [ceg\\_customer\\_support@toshiba.ca](mailto:ceg_customer_support@toshiba.ca)

Toutes les réparations au cours de la garantie doivent être faites par un centre de service autorisé Toshiba.

Pour un échange TCL s'assurera qu'un service de courrier ramassera l'unité et qu'un appareil de remplacement soit expédié par le même service de courrier.

(Note: Un numéro de carte de crédit sera requis car une charge de 25,00\$ sera appliquée si toutefois l'appareil n'avait aucun problème de fonctionnement.)

Une nouvelle unité sera fournie comme remplacement durant les premiers 3 mois de propriété. Par contre durant la balance de la garantie une unité remise à neuf sera fournie.

La «facture» originale doit être fournie comme preuve d'achat (elle vous sera retournée avec l'unité de remplacement.)

**Cette garantie de 12 mois sera strictement adhéree.**

Les unités hors de garantie devraient être réparées par un centre de service autorisé Toshiba.

Note: C'est la responsabilité du propriétaire de s'assurer que l'emballage est adéquat. Vous serez facturé pour toutes réparations causées par des dommages encourus à cause d'un emballage non adéquat.

Cette garantie est octroyée à l'acheteur initial et n'est pas transférable. Cette garantie ne s'applique pas aux appareils qui ont été sujets aux abus, négligences, accidents, dommages physiques ou actes naturels.

Les appareils dont le numéro de série a été enlevé, altéré, remplacé ou barbouillé ne sont pas couverts par cette garantie.

Les garanties de TCL sont valides seulement sur les unités sont achetées et utilisées au Canada d'un marchand autorisé TCL.

Cette garantie ne couvre pas les produits de location ou à usage commercial. Cette garantie remplace toutes autres garanties ou ententes exprimées ou sous-entendues. Aucune personne, agent, distributeur, concessionnaire ou compagnie n'est autorisé à changer, modifier ou prolonger les termes de cette garantie de quelque façon que ce soit.

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# Memo

Introduction

Connections

Basic Setup

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# *Memo*

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# Memo

Introduction

Connections

Basic Setup

# TOSHIBA



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